

IPure

**The first
interoperable
video
intercom
without limits**



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IPure
is the first video
intercom system
100% made in Italy
that is fully
interoperable with
all third-party
systems, without
any restrictions

With IPure, integration has no limits, you can enjoy the freedom to choose the security and automation systems and devices you prefer to create a customized solution.



The results are a truly integrated high-level solution with performance that offers the user an experience at the forefront of technology and comfort.



Absolute integration without limits

IPure is a completely open video intercom system, based on standard IP network protocols; for this reason it is able to communicate with a variety of devices for **optimal feature management and maximisation of the user experience**.

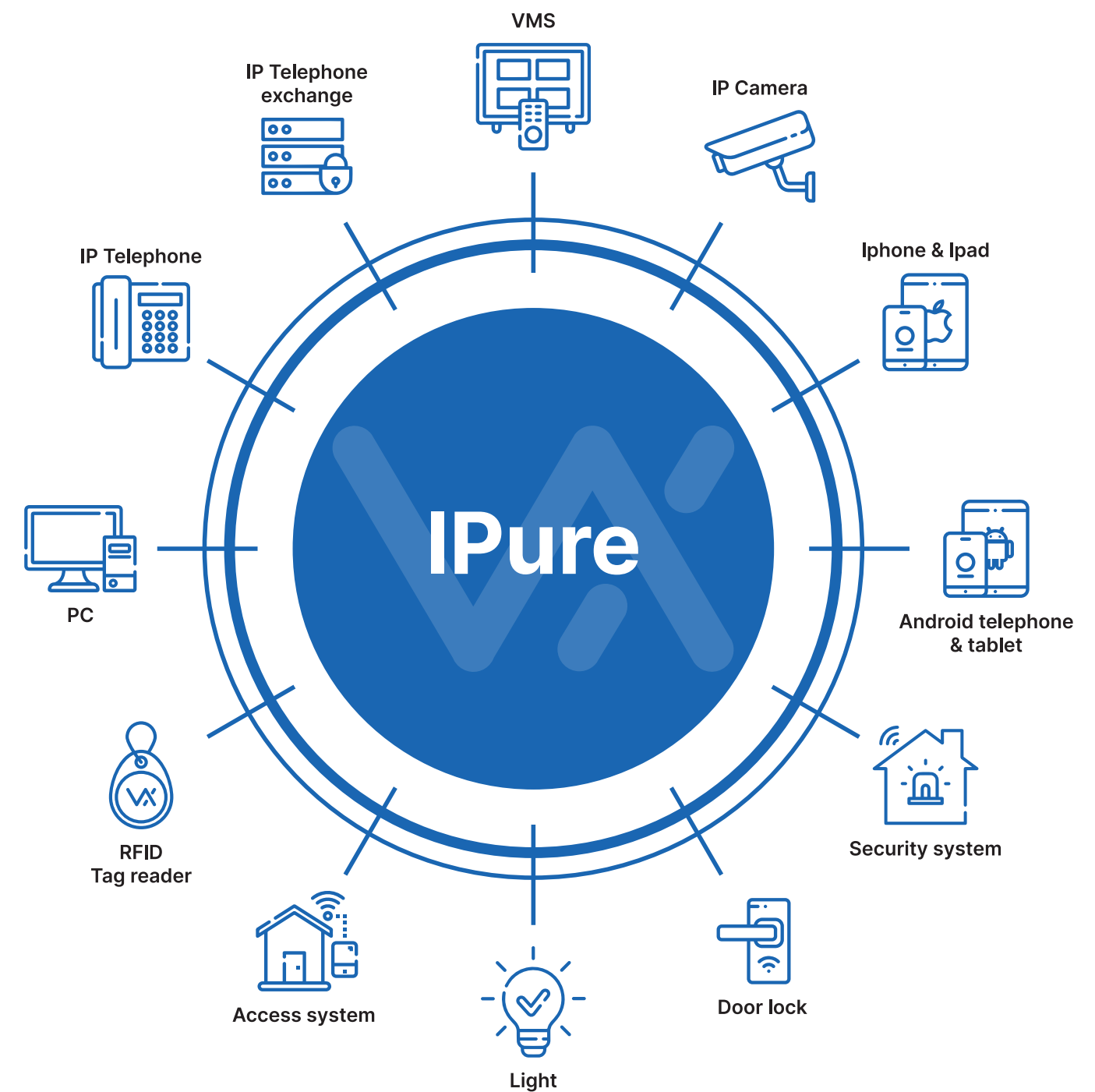
There are many systems on the market that, although defined as IP, are not able to fulfil the primary functionality and purpose of this technology, that is, the **free and total integration with third-party systems**.

We are talking about systems that run along a network cable and promise communication and integration with other devices but, in reality, integration is limited to proprietary devices.

On the one hand, the limitations that characterise them do not allow dialogue with third-party products and consequently the professional must use the same brand for all the systems that the latter intends to integrate into the system, without being able to freely choose based on preference.

On the other hand, it is not possible to obtain the solutions and results desired by the user, who expects communication between systems aimed at increased comfort of use.

This is why IPure is the ultimate solution to create integrated systems without any restrictions and with great performance.



IPure Multi-protocol

The main protocols most often used to integrate different devices and systems into the same network infrastructure and to allow for internal communication between such devices are implemented in all IPure devices: **the results are system solutions without limits and maximum performance.**

SIP Protocol for interfacing with VoIP switchboards, which are now the most used in the business and hospitality sectors, and with Public Address broadcasting systems.

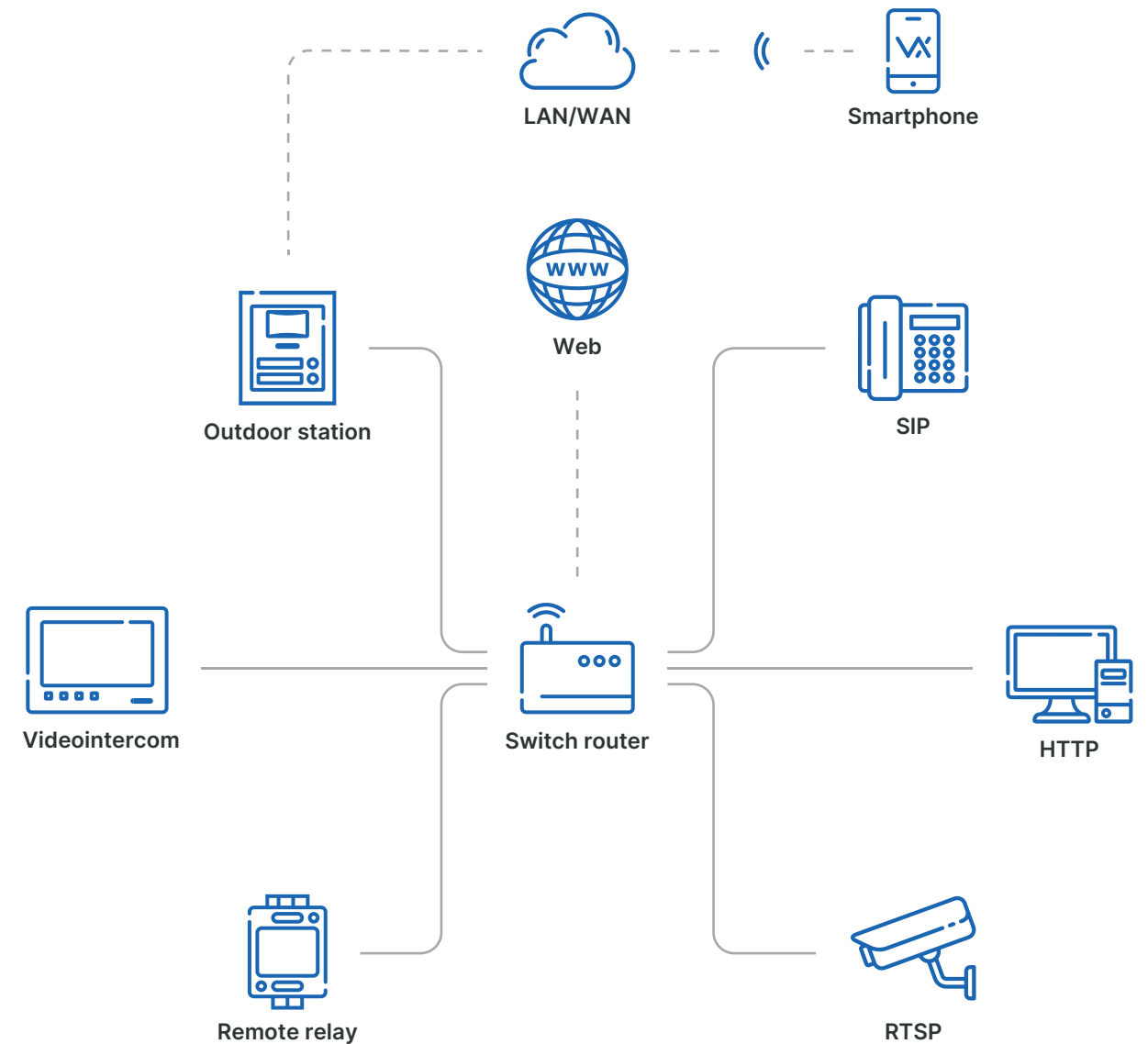
RTSP Protocol for integration with IP video surveillance systems: you can view the video streams of the video cameras directly on the video intercom or pick up the video stream from the entry panel to link it with a video surveillance system.

HTTP to manage all outdoor and indoor station commands and services on third-party platforms.

Proprietary Videx Protocol

In the case of a system that does not require interfacing with other systems, **IPure devices communicate with each other through the proprietary Videx protocol** allowing for instant self-learning devices, advanced configurations with the IPure Wizard, and considerable time savings.

The Videx protocol is constantly updated with the evolution of market needs, thus ensuring updates with features aimed at increasing comfort and services for the user. Moreover, the updates are free from licensing constraints and compatible with all devices, even older ones.



No license to use

All the features that characterise the IPure system in its maximum interoperability are available by default on each device, to allow professionals to **integrate IPure with third-party systems without any restrictions or additional costs**: home automation, VoIP telephony, video surveillance and security.

Ultra performance for larger more complex systems

IPure is not only the solution to create integrated systems, but it is ideal for use in all those **applications characterised by large distances, which are extensive and complex, with a high number of users**.

In fact, **IPure has no distance limits and no user limits, it is also an open, scalable and implementable system at any time**: you can tailor the system to your personal needs and it is possible to make subsequent changes and integrations.

It is the video intercom system that allows you to create extensive systems, articulated and characterised by numerous services to be managed, such as the **concierge switchboard** or **condominium video surveillance**.



IPure, the first plug & play video door entry system for the PON Multi-service system

What is PON Multi-service system

The PON Multi-service fibre optic installation allows centralised common systems for the users of an apartment block, such as satellite TV, video surveillance and with IPure also video door entry systems, to be interconnected on the same GPON network infrastructure without additional cabling.

The advantages of the PON Multi-service system

- Increased value of buildings and individual flats
- Many services, all integrated
- Orientated and prepared for future technological evolutions
- Increased signal quality without the need for maintenance, with guaranteed durability and reliability of the connection.

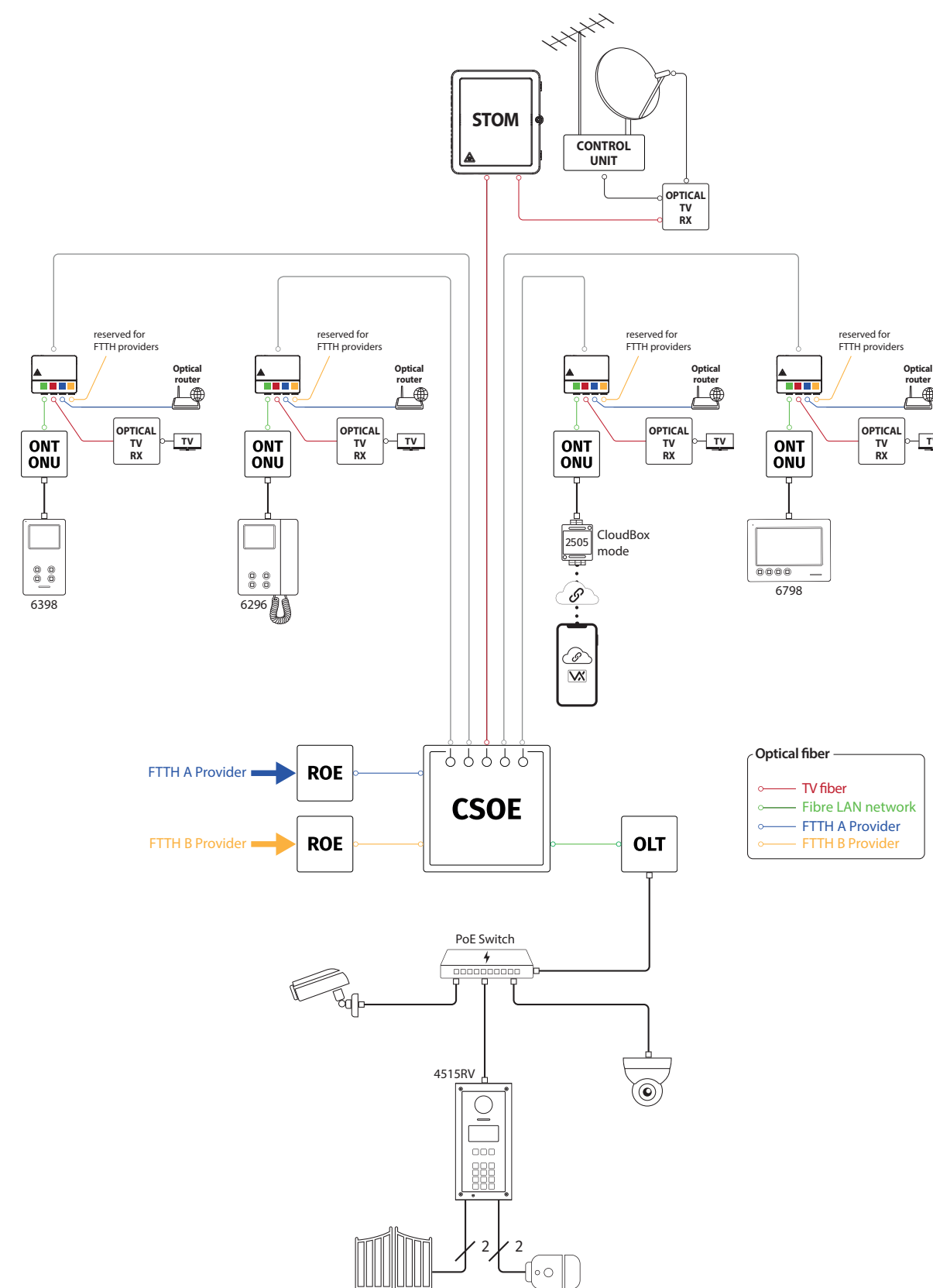
The PON Multi-service system becomes a profit for the condominium and not just a cost: thanks to Fair Compensation, there is the possibility of becoming an infrastructure manager by selling or leasing the centralised condominium facilities to network operators, thus receiving adequate remuneration.

The Regulatory Framework

Under European Directive 2014/61/EU, new buildings must be equipped with adequate data network infrastructure. In this context, the PON Multiservice system is also a regulatory requirement.

How to Install IPure in a PON Multi-service Infrastructure

In the PON Multi-service System, the IPure video door entry system travels together with the other services on the same single fibre that runs from the central unit to the residential unit: no additional fibre or traditional cabling is required and no additional conversion devices or other accessories are needed. This is possible because IPure is an IP native system and all devices are equipped with standard Ethernet interfaces, which also allow connection using standard transceivers to other transmission media (e.g. non GPON Ethernet-to-fibre bridges, radio links, powerline connections, etc.). To install IPure in a PON network infrastructure it is sufficient to connect the outdoor station via UTP cable directly to the OLT, where the other services also converge, and to connect the indoor stations to the ONT via the same type of cable. With IPure you realise a complete video door entry system on the same fibre optic infrastructure and with only one fibre cable to the apartment unit, the configuration is extremely simple, moreover the savings are considerable in terms of time spent and costs, also for the end user.



All the advantages of IPure in a PON Multi-service installation



No additional wiring is needed to realise a video intercom system

IPure runs concurrently with the other services in the PON Multi-service system on the same fibre to the housing unit.

There is therefore no need for separate cabling or further intervention.



The future of video intercom is in the PON Multi-Service System

The regulations governing the mandatory implementation of PON Multi-service systems for new buildings and renovations represent a great opportunity to integrate IPure video door entry systems and **abandon the limitations and inconveniences of the hitherto proposed 2-wire analogue and non-IP systems.**



No conversion devices or accessories of any kind are needed

IPure is IP-native so the connection of door stations to the OLT is made directly via UTP cable **without conversion devices or accessories.** The same applies to indoor stations that connect directly to the ONT / ONU.



Limitless functionality with full integration

IPure is a native IP system and therefore offers all the most advanced functions thanks to the possibility of **unrestricted integration with all third-party systems running on a PON network infrastructure.**



Time and labour cost savings

On the same PON fibre optic infrastructure and with just one fibre cable to the house unit, you realise a complete video door entry system. **The savings are considerable in terms of time spent and costs, also for the end user.**



No licence for use

All the functions that characterise the IPure system in its maximum interoperability are available as standard in each device, allowing professionals to **integrate IPure with third-party systems without constraints and additional costs:** home automation, VoIP telephony, video surveillance and security.



Easy and affordable

Forget the laborious work involved in configuring an analogue 2-wire system and the complications of the digital systems offered so far. With our IPure Wizard software **you configure your system in no time via a simple wizard, even remotely. Alternatively, you can choose configuration via web browser.**



Higher video resolution

Thanks to the fibre transmission of the video signal, **unrivalled quality resolution** is ensured: the handset is equipped with an auto iris CMOS colour camera with high sensitivity and 2Mpx resolution, the video door phone features a 7" TFT LCD monitor and 1024 × 600 pixel resolution.



The system is open, scalable and implementable at any time

You can tailor the system to suit your needs, and you can make subsequent changes and additions at any time.

With IPure, integration is free and unrestricted with all third-party systems.

It supports the main protocols used to allow multiple devices and systems to communicate with each other: HTTP, RTSP, VoIP.

This makes it the video intercom system suitable for applications that require absolute interoperability between systems for the creation of cutting-edge technological solutions. There are no distance limits, thus it is ideal for solutions characterised by large, varied spaces.

IPure is the first FTTH compatible plug & play video intercom system. It is the only one that can therefore be installed in an FTTH infrastructure immediately for the creation of PON Multi-service systems as per national legislation.



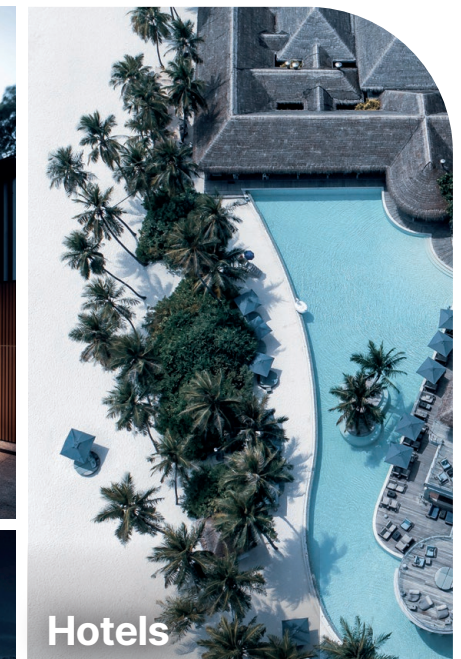
**Smart
Buildings**



**Industrial
plants**



Villas



Hotels



Parking



**Petrol
stations**



Transport



**Photovoltaic
systems**



Governmental



**Detention
facilities**



**Roads and
tunnels**

All the features you want for your system

Forget the limits of fake IP systems, with IPure you have an infinite number of features.

Infinite number of outdoor stations

With IPure you can freely install outdoor audio and audio/video stations without a number limit, therefore ideal for applications ranging from residential structures such as a condominiums, to larger, more complex structures such as a large residence.

Simultaneous calls from outdoor stations to different indoor stations

Each outdoor audio and audio/video station on the system can call the desired extension even if a call to another extension is in progress.

Unlimited intercom communication

All the indoor stations installed on the same block/riser and also in different blocks/risers present on the same system can communicate with each other. Of course, intercommunication between indoor stations within the same housing unit is standard.

Standard Relay Services

For each outdoor station it is possible to activate **2 relay services for opening 2 gates**, for example the driveway and the pedestrian gate, one of which with capacitor discharge capable of opening even the most cumbersome electric locks.

Infinite additional services

In addition to actuation of 2 standard outdoor relays, you can install CloudBox and multiply features. For example, the opening of a gate/door where there is no outdoor station, lighting of staircases and any others you may wish.



Configuration modes

IPure Wizard: the free professional tool for easy system configuration

IPure is the first IP video intercom system that not only can be integrated without any constraints, but also offers you a free tool for extremely simple and very fast guided configuration.

The **IPure Wizard** can be downloaded free of charge and with this tool you will be facilitated in configuring the system and subsequent modifications, and you will also save a lot of time.



Automatic configuration

Using the IPure Wizard, it is possible to set a preset for the initialisation of the devices detected in the system, so that the configuration of the network parameters and the description of the devices takes place automatically.

Automatic grouping by product category

The devices in the system ecosystem are automatically grouped according to the categories external stations, internal stations and relay modules, which are immediately identifiable because they are marked with different colours.

With other systems, you can only display product codes, or serial numbers or mac addresses, and the only way to recognise them is to note these values for each device.

Renaming of each device

With the IPure Wizard, you can rename each device as you wish so that it is immediately recognised: for example, you can distinguish between several outdoor stations in the system, the pedestrian gate station and the driveway station.

With other systems, you would have to manually add the resources in complex software and rename them individually.

Self-learning of devices installed under the same local network

Fully automatically, IPure Wizard scans the local network and detects which devices are installed.

With the usual IP video intercom systems you are forced to enter the web page of each device.

Ordered general dashboard of all devices

With the general dashboard you have an overview of the system and individual devices that you can manage individually in an easy way.

With the IPure Wizard you have an overview of all programming logics and from each configuration menu you can check in real time whether the various associations are correct (door station-indoor station-inputs-outputs).

In other systems, no dashboard is available, so you have no overview.

Programming replication

Once you have completed the configuration of one or more devices, you can easily replicate it for others that need to behave in exactly the same way.

With other systems, there is no possibility of copying the configuration between similar devices, but this must be done again on each individual device, even if they belong to the same family and even if they have to behave in the same way.

Local backup of the system and all individual device settings and functions

With IPure Wizard, the system can be backed up and settings and functions are saved locally, so all information is protected.

Other IP video door phone systems do not allow any kind of backup, so every time, in case of failure or changes, you are forced to read the configuration directly from the devices in the field.

Reinitialisation of devices

All stored settings can be reset either en masse or on a per-device basis using the reset function. For example, you can use this function when it is more convenient to reset all devices and proceed with the replication of settings from a source device.

Firmware update

The IPure Wizard automatically reports the presence of new firmware for one or more devices, which you can download from the service.videx.it portal.

In other systems, there are no reports of firmware updates, the need for which is only discovered when there are problems with the devices themselves.

Uploading to Cloud

The system is automatically registered on the Videx Cloud, so you can query it for remote configuration management or maintenance.

System report

Directly from the software you can generate a complete report of the installed system, which is useful to have an overview of the configurations made and to check if they correspond to the required operation.

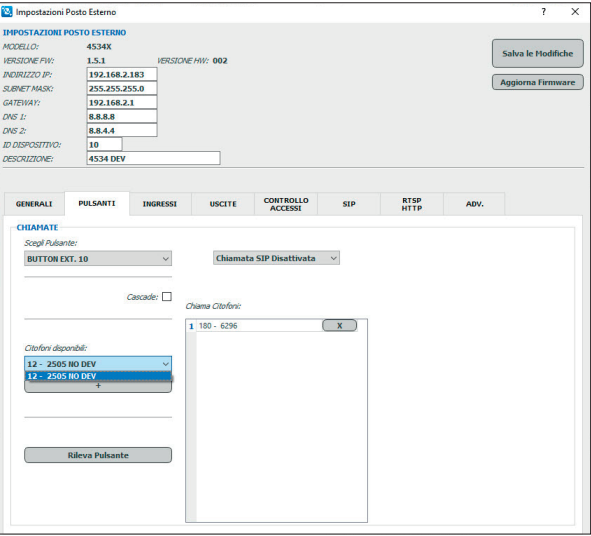
By installing IPure you can say goodbye to complex, laborious, unintuitive procedures.

The new era for video door phone system configuration begins with the introduction of IPure Wizard: the most powerful tool for the simplest and most complete configuration ever.



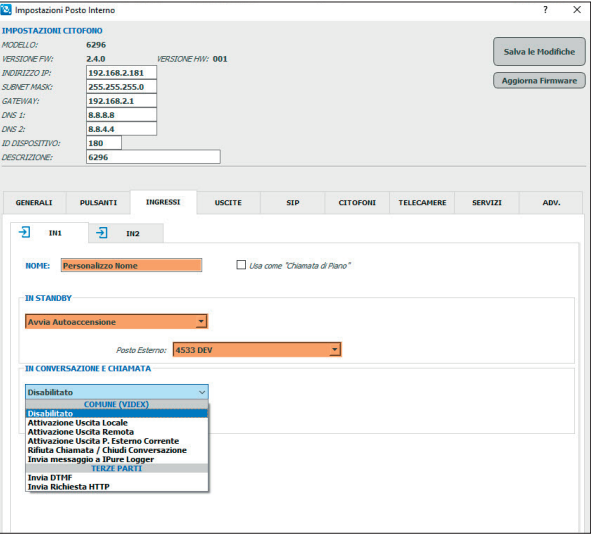
service.videx.it

Focus on features



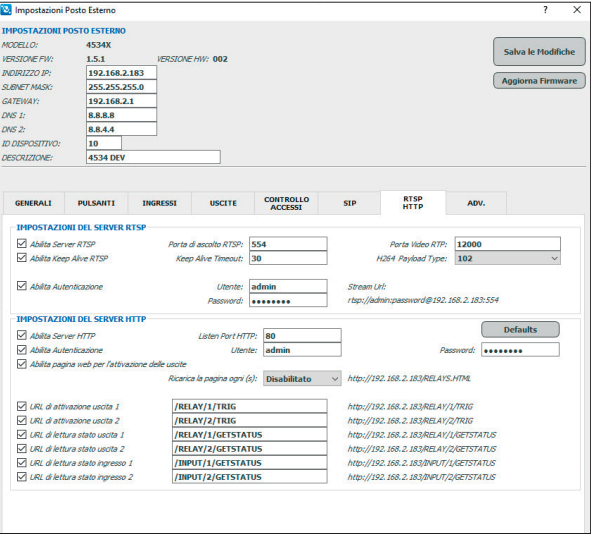
Simplified programming calling addresses

From the drop-down menu, all apartment stations can be displayed for programming calls. It is possible to programme single calls, group calls and to combine the call of several apartment stations or groups of them to the same button. In addition, it is possible to programme each individual button to make a call using the SIP protocol, without prejudice to the traditional call to Videx apartment stations using the proprietary protocol.



Simplified programming of inputs and outputs

Each Videx device is equipped with 2 freely programmable inputs and 2 freely programmable outputs, and via the IPure Wizard it is possible to rename them. In addition, different operating logics can be assigned depending on the status of the system, depending on whether it is in stand-by or on call.



HTTP and RTSP functions

The http functions can be enabled for all inputs and outputs via a special menu. In addition, complete instructions (strings) are available to be carried over to third-party devices to enable integration. The RTSP function is enabled by selecting the appropriate tick.



Configuration via web browser for the IPure system

Configuration via web browser is the best solution if the IPure external station is part of an **integrated system with third parties, as it is extremely convenient and can be managed remotely**. This is the case, for example, when it is integrated with a VoIP switchboard, or in an intrusion detection or video surveillance solution.

By configuring the system via a web browser, you can configure all SIP, http and RTSP settings, video quality parameters, audio level and the various announcements that are present by default on the external stations. **This is available for the 4000 Series and Flush Series plates.**

It is also possible to **configure the MIFARE / NFC tags** that come as standard on the audio and audio-video modules: in this way, **even remotely, it will be possible to add and modify the parameters of the MIFARE / NFC tag keys**.

For the digital door panel with electronic directory, the directory can be configured and updated remotely.



In addition, all Videx device configuration web pages are optimised for mobile viewing, making urgent mobile intervention easier.

The image displays two screenshots of the Videx configuration web interface. The left screenshot shows the 'CLIENT SETTINGS' page, which includes fields for User ID, Auth Name, Password, Domain, Server, and various ports (Local SIP Port, RTP Audio Port, RTP Video Port, Server SIP Port). It also has checkboxes for 'SIP Registration' and 'Media Preview'. The right screenshot shows the 'RTSP SERVER SETTINGS' page, which includes fields for RTSP Listen Port, RTSP Video Port, H264 Payload Type, and authentication settings (Username, Password). It also has a checkbox for 'Enable RTSP Keep Alive' and a 'Stream URL' field. Both screenshots show a 'Save Changes' button at the bottom.

Videx Cloud, services and features aimed at professional installers

Videx Cloud is **completely free**, secure and relies on the world's best Cloud Computing platforms

The entire infrastructure of services is supported by it: not only the application interface for users, but also advanced features useful for professionals. Simply input your credentials as an installer to access a range of available tasks to simplify your work.

How does the Videx Cloud work?

After registering the installer profile, simply use the same credentials to access the IPure Wizard software and upload the system to the Cloud.

With the same credentials you can visit the service website and have access to a series of functions from the system, while respecting the sensitive data of the owners:

- View the list and configurations of the loaded systems
- Check the number and type of devices installed, assigned MAC addresses and firmware versions
- Check parameters and information
- For each device, display the features available for the App, their type and the custom names assigned

Videx Cloud is also designed for the user, with additional features available to them compared to the App.

By registering the user profile, users can access a dedicated page to **display the systems paired with the App to which they have access, and the features available for each linked device.**

Users can **share all the features available with other users via a temporary or permanent QR code** and, if they want to restrict access to only some features, create groups of features and share them.

Each time another user scans the shared QR code, the main user will receive a notification email and can potentially block access, in addition to being able to **revoke it at any time.**



Mobile app



Videx CloudNected Client



A dedicated app to manage all features remotely

The Videx CloudNected Client app allows users to always stay in touch with their home by managing the video intercom directly from any smart device.

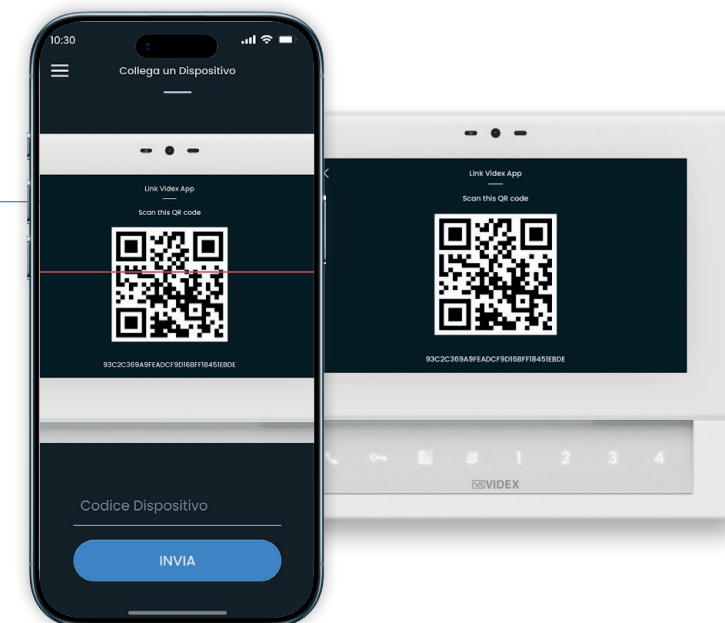
Automatically, **the app replicates exactly the same properties and features of the video intercom with which it is linked**. This enables you to manage calls, activate services, verify who rang the intercom, while at home or away, with extreme ease.



Connect instantly without any configuration

The app doesn't require any configuration: just create an account then scan the QR code with your Smartphone camera.

This allows the app to link with the video intercom automatically, inheriting all its properties and features.



Easy and intuitive

The icons of the Videx CloudNected App are similar to the symbols that we are all accustomed to during daily use of our mobile devices, thus ensuring extreme clarity and ease of use. In addition, **all devices and services are displayed with custom names** freely chosen during installation, to identify at a glance what you want to operate.

Download the app

Videx CloudNected Client app is free to download from the App Store and Google Play, does not require sensitive data for registration and is extremely stable, so you can be sure to have everything under control at all times.



Discover what you can do with the Videx CloudNected App

The App replicates all the features of the linked video intercom

Push notifications are always enabled and appear even if the app is closed or the phone screen is locked. In addition, the App shows the **status of the devices** (online, offline) and the **status of each feature** (on, off) to always have feedback on services.



Answer calls when you're away from home

You can answer from your smartphone wherever you are, whether in the office, on vacation or even if you don't feel like getting up from the couch. And if you can't even answer from your phone, you can check the **list of calls to see if someone was looking for you and when**, in addition to the history of calls received and made.



Manage multiple apartments and systems

With the App there are no limits to the devices that you can control.

You can link multiple video intercoms within the same system with the App. For example, on the lower and upper floors, or in several different systems, such as in your main house, holiday home or office.

All video intercoms that you have linked with the App are automatically displayed on the main screen. You can control the features of the different devices **without having to logout and then reconnect and, above all, you will never miss any calls.**



Open your home gate without a remote control

Do you want to let a loved one in, but they don't have the keys and you're not home?

With just one touch, you can open the gate or another lock and allow entry to whoever you want, whenever you want, and also use this feature if you prefer not to use the remote control.



Remote chronothermostat

With the App, you can remotely **manage all the functions of the chronothermostat** for maximum comfort and savings.

Create and edit **weekly programmes**.

Manage the chronothermostat functions from **multiple mobile devices**.

Control the chronothermostat functions of **multiple video door phones** installed in the **same home or in different homes**.

You can also set default programmes based on your habits using **weekly and time slot management**.

If you are away from home for a few days, you can remotely adjust the chronothermostat regardless of the set programme.



See what's happening near your home

Whether you're out or at home, you can check your smartphone and view the outdoor station video intercom to see what's happening.



Turn off features

If you want more privacy and wish not to be disturbed by phone calls or if you want to exclude a feature from the remote control, you can easily turn it off through the App. And if you change your mind, reactivate it whenever you want.



Customising access and service levels

In case of multiple video intercoms within the same system or in separate systems, **you can customise the levels of access and availability of features depending on the user.**

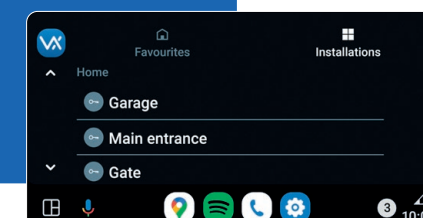
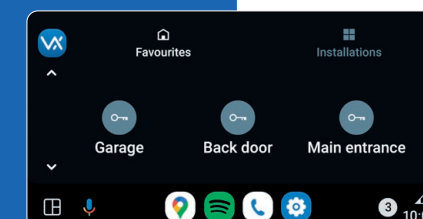
For example, in your office you can have two video intercoms, one of which is set with reduced features that for example only allows the opening of the main entrance. Users linked with this device will have these restricted features while others linked to the other device will have full control.

Control and safety, even while driving!

Thanks to **Apple CarPlay** and **Android Auto** compatibility, you can manage your video door entry system even more safely and intuitively, directly from your car's infotainment system.

- Open the gate and manage all activations with a single touch, without distractions
- Monitor the status of services in real time, without needing to pick up your smartphone
- A safer drive for all

A feature designed with safety and comfort in mind to reduce driving distractions.



CloudBox: the ultimate solution for adding automation to your system and managing it remotely – even without installing a video door phone in your home

With CloudBox, you can add all the features you want to your system and control them both locally and remotely via the app, even without installing an indoor unit.



What is CloudBox?

The innovative CloudBox is the first device that allows you to add an infinite number of services and additional functions to your IPure system, in addition to those already included as standard.

CloudBox is a small, easily concealed IP relay that connects to the network and allows you to create endless automations in your home, office or factory. CloudBox has 2 programmable inputs and 2 outputs with standard, switched and pulse operation, and is equipped with an RS-485 bus interface for connecting various types of peripherals. An unlimited number of CloudBoxes can be installed in the system, offering endless possibilities. You can open doors or gates, turn on lights, activate irrigation, control roller shutters and much more.

All additional CloudBox functions can be managed remotely via the Videx CloudNected App: this allows you to answer calls, open the gate and activate all the services set up remotely.

4 different ways to use CloudBox



Combined with the IPure video door entry system complete with external nameplate and internal unit to add automation and functions to the system.

In this case, proceed with the usual installation of a complete IPure system – with external and internal stations – after which you can install an unlimited number of CloudBoxes. Using the IPure Wizard software, you can immediately identify the CloudBox devices set up in the system and configure their logic.



Use CloudBox in an IPure system without installing the video door phone in your home, using only the external nameplate to ensure you can always be reached remotely.

Simply connect CloudBox to the external plate using the IPure Wizard software and follow the guided procedure. At the end of this procedure, a QR code will be generated, which can be scanned with a smartphone or tablet to transfer all the set functions to the app. This way, anyone who does not want to install an internal unit can still enjoy unlimited functions and manage them conveniently from a distance.



CloudBox stand alone - without installing a complete system - for implementing automation.

CloudBox can be installed on the network even without an IPure video door entry system, using the Videx CloudNected App to create automations and services in your environments.



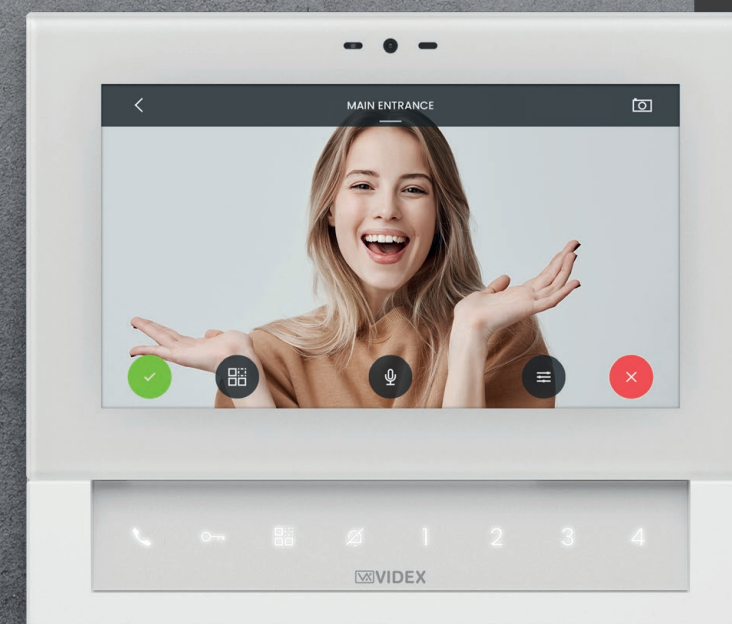
CloudBox integrated with other systems.

You can install CloudBox as an IP relay to integrate with third-party systems via the http protocol, for example with video surveillance, home automation and intrusion detection systems.

Indoor stations

Video intercom

KLASS



**Elegance,
Exclusivity,
No Limits
Integration**



Be Smart, Be Klass

Klass is a prestigious device, a super-stylish video intercom featuring ultra-slim design and 3mm toughened glass fascia

LCD IPS 7" display, with 1.024 × 600 px resolution, offers a **wide and sharp view of video streams** and available functions. Capacitive touch screen monitor **includes a high-resolution front camera** up to 1080p, enabled during intercommunication with another Klass monitor.

Klass is full-duplex hands-free assuring a high-level acoustic performance and – for those wishing for more privacy – an additional handset is available, **featuring plug & play quick-connect and magnetic cradle.**

Klass features **8 soft touch buttons.**

All buttons – including the preset ones – are **freely configurable** to manage the functions you prefer.

2 inputs and 2 outputs are included to **manage services**, both locally and through the Videx CloudNected App.



4 preset buttons:
conversation and auto power on, door opener, service, privacy.

4 numbered buttons
for additional services.



No Limits Integration

Klass is built on IPure technology, supporting standard protocols used for integration with third party systems, **with no additional license fees.**

Klass uses embedded Linux for maximum reliability and includes a built-in browser for full interoperability with third parties.

A Wi-Fi dongle module is available for alternative connection to the local network.

- ✓ **RTSP** protocol for integration with IP video surveillance systems.
- ✓ **SIP** protocol for interfacing with VoIP switchboards and with Public Address systems.
- ✓ **HTTP** to manage all outdoor and indoor station commands and services on third-party platforms.

Security for your Spaces

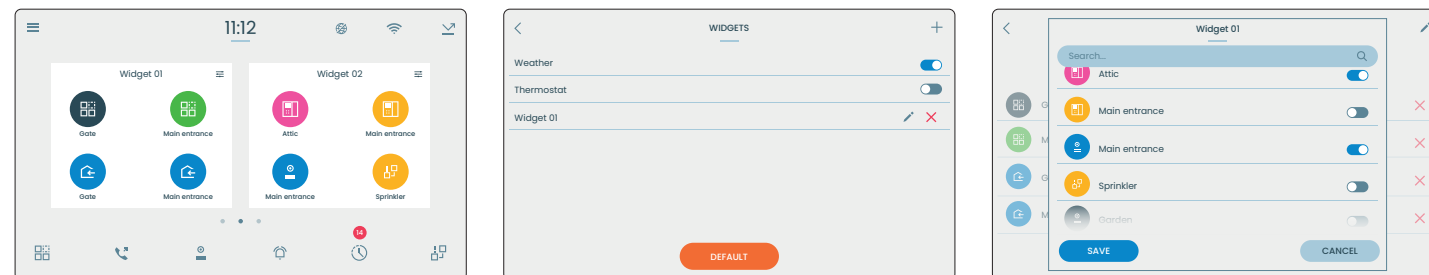
Klass manages up to **64 IP camera streams** and the **camera switching** function is available: during conversation, by a simple touch on the screen or via the button, you can choose the **camera you want to view** - in addition to the door station's.

This function allows you to decide which stream to display with a simple touch on the touch-screen or on one of the available buttons. You can also **decide the priority of the stream to be displayed** during a conversation.

Smart & Comfort

Built-in sensors can be integrated with third party systems and devices to trigger many automations

- ✓ **Ambient light sensor** for automatic brightness and theme adjustment.
- ✓ **Proximity sensor** allowing automatic screen power-on as the user approaches.
- ✓ **Temperature and humidity sensor** to manage room temperature.
- ✓ **Customizable widgets** to group and quickly access services.



All the available functions can be remotely managed through the [Vindex CloudNected App](#): no configuration is needed and in a snap you can have everything under control when you're not home.



Answer calls



Open the gate



Manage room temperature



Custom access to services



Camera switch to view other camera streams



Manage all other additional services integrated with other systems and devices



Standard integrated smart programmable chronothermostat

Do you want to manage the [temperature control](#) of your environments with a [smart App](#)?

You can do this with the new Klass video intercom with integrated programmable chronothermostat: you don't have to buy additional devices and you can get all the features you want on the free App.

To manage smart temperature control, it has always been necessary to buy and install a special device, thus spending a lot more and also compromising interior aesthetics with an umpteenth device placed on the wall and an umpteenth App to download for use.

Finally, today you can manage temperature control directly from your video intercom with the new Klass, with a standard smart programmable thermostat for monitoring and controlling the temperature, locally and remotely.

You will not have to buy any other device, thus you will save money and also maintain harmonious environments, but, above all, you will be able to manage temperature control directly from your video intercom and remotely through a single, completely free Vindex CloudNected App, without licensing constraints.

It is easy to use, thanks to the interface designed for users that is identical for both the local command and the App, which allows for every operation to be within everyone's reach, but, above all, you can have everything under control and optimise consumption.

- Adjust the chronothermostat regardless of the set programming and room temperature
- Display of the set temperature and the humidity rate of the room
- Set and change default programs according to your habits through weekly management and by time bands
- Manage the chronothermostat functions from multiple mobile devices
- Control of the programmable features of multiple video intercoms installed within the same home and setting of the desired temperature for each area of the house
- In the case of multiple Klass video intercoms installed in different homes (e.g. main house and holiday home), you can manage the chronothermostat features of all devices directly from the same app.

Integrated Teleloop

Thanks to the integrated Teleloop, **hearing-impaired** users with hearing aids featuring a T-type magnetic interface can listen to conversations.



Make a KLASS choice



The **Klass** video intercom offers you everything that the 6798 does and **much more**.

A **better user experience** enhanced by a **sophisticated and elegant design**.

Discover where
Klass gives you
more



	6798	KL7VXIPW	KL7VXIPB
Operating system	Linux OS	Linux OS	
7" TFT LCD display 16/9 full touch capacitive touchscreen	Yes	Yes	
Display resolution	800 × 480	1024 × 600	
IPS	No	Yes	
Glass finish	No	3mm glass fascia	
Hands-free	Full duplex	Full duplex	
Sensors	Temperature and humidity	Ambient light Temperature and humidity Proximity	
Inputs Outputs	2 active/low input 2 relay outputs	2 active/low input 2 relay outputs	
Buttons	4 programmable mechanical buttons	8 programmable soft touch buttons	
Buttons back-lit	No	Yes	
Local call input	Yes	Yes	
Video intercommunication	No	Yes	
Front camera	No	Up to 1080p	
CCTV implementation	Yes	Yes	
PiP (Picture in Picture)	Yes	Yes	
Video streams	Up to 16	Up to 64	
Thermostat features	Yes	Yes	
Videx App connection	Yes	Yes	
Optional handset	No	Yes, with magnetic cradle	
Induction coil for hearing aid users	Yes	Yes	
Integrated browser	Yes	Yes	
Supported protocols	RTSP, SIP, HTTP	RTSP, SIP, HTTP	
Optional Wi-Fi dongle	Yes	Yes	
Materials	ABS	Glass and ABS	
Finishes	Satin white	White, Black	
RJ-45 port	Yes	Yes	
Power supply	PoE or 12Vdc	PoE or 12Vdc	
Mounting	Surface	Surface	
Mounting bracket	No	Yes	
Table stand optional	Available	Available	

Third party camera feature

What is the purpose of the camera integration?

An additional IP camera increases overall security because it allows you to view areas surrounding the building that are not covered by the outdoor intercom camera, such as areas adjacent to the entrance or other secondary entrances.

RTSP protocol for unlimited integration in the IPure system

IPure supports the RTSP protocol, which allows full integration with any IP camera. Using the IPure Wizard tool, the IP camera is registered with the system via a simple procedure.



View the IP camera feed directly on the video intercom

By installing the Klass Series indoor unit in the system, you can have direct viewing of the **third party camera during the conversation** as standard - in addition to the outdoor unit, of course - and **decide which one to view** with a simple tap on the touch display or on one of the 4 freely configurable buttons.

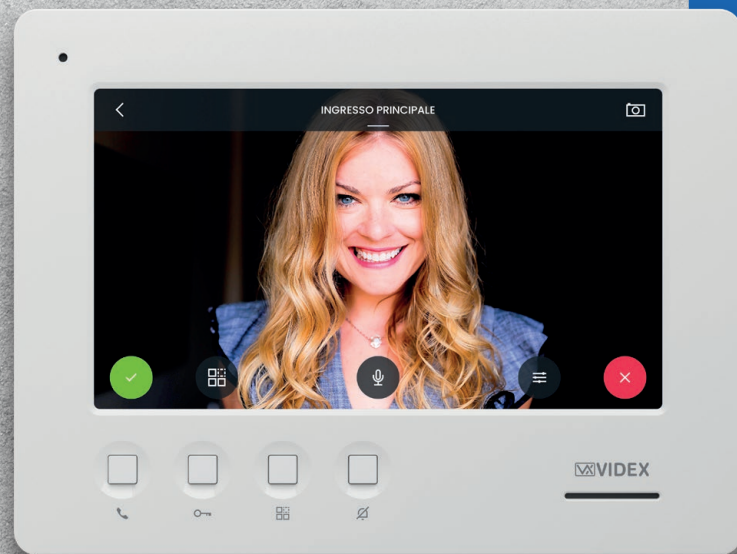
In addition, you can **decide the priority of the stream** to be displayed during the conversation, allowing either the intercom or the third party camera to be primary.



Video intercom

6700 SERIES

The all-in-one portal panel of integrated technologies and features



The series 6700 with IPure technology is powerful and **fully interoperable**, supports **SIP, RTSP and HTTP protocols** that allow for **communication with all third-party devices**, and it is possible to create integrated professional solutions for Security, VoIP, Smart Building, Smart Home and CCTV.

With the 6700 monitor, you can build a system with the freedom to choose the best specialist partners for the other systems, thus offering the user a truly high level integrated solution and performance.

The 6700 features plug & play installation on FTTH GPON infrastructures for the creation of multi-service systems: no additional wiring is needed, thus enabling you to reduce time and labour costs.

The large display with full-touch function facilitates navigation between functions and **transforms the video intercom into the all-in-one monitor of integrated technologies**. The 800×480 pixel resolution allows for a **very high quality display** consistent with the 4000 series outdoor video stations that reach resolutions of up to 2Mpx.

In addition, it ensures uncompromising visual performance in case of integration with third-party IP video cameras, via RTSP protocol.

Finally, today you can **manage temperature control directly from your video intercom**, with a standard smart programmable thermostat for monitoring and controlling the temperature, locally and remotely.

The front buttons are designed to make **the main features of the video intercom quick and immediate**.

- Auto power on/voice input;
- Intercommunication;
- Privacy service;
- Relay activation.

All buttons are **freely programmable** with respect to the basic configuration and, if integrated with other systems, they can be programmed via **http protocol for interaction with third parties**.

Switching of the outdoor station audio/video camera feature is possible **without any limits**.

Thanks to the RTSP protocol, it is possible to **implement additional IP video cameras**, also by switching the latter.

During conversations, it is possible to **view a second video camera by using Picture In Picture mode**.

The integrated browser allows for full **interoperability with third-party devices that have their own web server**.

Through plug-ins from many Security, Home Automation and CCTV manufacturers, it is possible to **quickly integrate the basic features**, with guaranteed automatic updates and without complex configurations.

Thanks to the Wi-Fi Dongle module, the video intercom can be **connected to a homes local WiFi network** if there is no communal internet network.

On the other hand if this is available, the Wi-Fi Dongle module allows for the video intercom to **use both networks for the purpose of integration** with other systems.

The 6700 video intercom with IPure technology can be powered directly through switches with PoE outputs from any manufacturer: this solution allows for **maximum flexibility in scalable execution and optimises implementation and maintenance costs**.

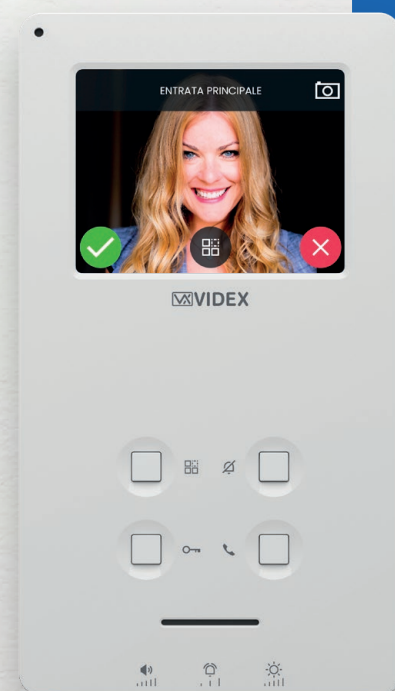
The 12V DC power supply can be used when there are no PoE switches.

Thanks to the integrated Teleloop, **hearing-impaired users** with hearing aids with a T-type magnetic interface can listen to conversations.



Video intercom

6300 SERIES



6300 Series:
the compact,
stylish and
feature-rich
full-duplex
hands-free
solution



The 6300 Series video door phone features **full duplex hands-free** operation, ensuring **clear and easy communication** in all circumstances.

The monitor blends harmoniously into any environment thanks to its elegant design, refined finishes and **minimal, discreet thickness of just 27 mm**, making it perfect for all residential applications. The **3.5" high-resolution LCD display** is OSD touch for quick and easy navigation, also facilitated by the iconography that is replicated in the **Videx CloudNected App for remote management**: this ensures that the user environment is always consistent and guarantees **maximum ease of use** both inside and outside the home.

The 6300 Series video door phone has **4 buttons pre-set by default for direct suggested functions**:

- Services and implementations
- Camera recall
- Door opening / Privacy
- Switching of external cameras

All buttons are **freely programmable** with respect to the basic configuration and, if integrated with other systems, they can be programmed via **http protocol for interaction with third parties**.

The **intercom function is unlimited** thanks to IPure technology: you can call an infinite number of devices by conveniently selecting them from the pop-up menu on the touch display.

The video door phone is also equipped with **2 freely configurable inputs and 2 outputs** - both end-to-end and with http protocol: this allows you to manage other input or output commands directly from the device.

Thanks to the integrated Teleloop, **hearing-impaired users** with hearing aids with a T-type magnetic interface can listen to conversations.



Video intercom

6200 SERIES



6200 Series:
IPure technology
combined with
a classic video
intercom with
handset

The 6200 series is the **first IP video intercom equipped with a handset**, which meets Italian requirements and ensures maximum technological evolution and functionality.

The video door entry system with handset for the **6200 series** IPure system offers classic design and traditional use without sacrificing all the potential of the IPure system.

Communication can take place in privacy thanks to the handset, and the device is intuitive to use

thanks to 4 mechanical buttons for direct functions. It also has a 3.5" LCD screen with resistive touch for fast navigation of functions.

It is equipped with 2 inputs and 2 outputs, the intercom function is standard and, like all IPure devices, supports SIP and http protocols.

Thanks to the integrated Teleloop, **hearing-impaired users** with hearing aids with a 'T' type magnetic interface can listen to conversations.

Intercom

3000 SERIES

3000 Series:
the advanced
intercom for
integration with
third-party
systems
and remote
services



The Series 3000 intercom implements the **SIP protocol** as standard, allowing it to be **combined with VoIP concierge** for communication sessions without the need for additional devices.

The VoIP telephone system is now the most widely used in the business, hospitality, hospital, industrial and tertiary sectors in general, and the Series 3000 intercom is ideal for all these types of applications where there are service rooms **where a telephone is not required and a monitor would be superfluous.**

The same applies to residential contexts where advanced functions are desired, but a **more eco-**

nomical device with a basic aesthetic is preferred.

The 3000 Series has a minimalist and discreet design and is equipped with **5 freely configurable buttons** for door opening, intercommunication, camera recall, timed privacy service, service, SIP call, DTMF sending and message sending functions.

Thanks to the integrated Teleloop, **hearing-impaired users** with hearing aids with a 'T' type magnetic interface can listen to conversations.

Outdoor stations

Push-button panel

FLUSH SERIES



**Flush
push-button
panel:
super slim,
futuristic,
vandal
resistant**

The Flush push-button panel consists of a 2.5 mm steel plate, a thickness that allows it to be elegant and stylish while ensuring maximum impact resistance with an **IK09 certification**.



IP65



IK09



2Mpx



Freedom of installation

The analogue composition, developed on the support of up to 9 modules, can handle **up to 42 audio and audio/video users**.

The digital version is characterised by its **compact size that occupy only 2 modules**.

Extreme strength and durability over time

The 4000 series push-button panel is **vandal resistant with a certified degree of impact resistance up to IK09**; the modules are made of AISI 316 satin-finished stainless steel (marine grade) for installations in critical environments exposed to the elements.

Weather resistant

Thanks to the neoprene gasket present in the module holder frames, the push-button panel always has a **perfect grip to the wall even on uneven surfaces**.

The **IP65 certification** makes the installation of frames or rain shields unnecessary.

Reduced installation and maintenance time

The module holder frame has side hinges that allow for the outdoor stations to be opened like a book, **thus facilitating installation, inspection and maintenance procedures**.

All modules use flat IDC cables for **fast installation, thus reducing installation times**.

Multi-protocol

RTSP: Enables integration with third-party NVRs and IP video cameras.

SIP: allows for integration with VoIP telephone switchboards.

HTTP: allows for the management of all inputs and outputs on third-party management platforms.

ONVIF profile T and S: defines a common protocol that allows security devices from different manufacturers (cameras, NVRs, management software) to communicate with each other.

PoE power supply

Power is provided through third-party PoE switches, optional 12V DC power supply can also be used.

Standard NFC MIFARE reader

All audio and video modules and the digital panels have an **NFC/MIFARE proximity reader (ISO IEC 14443A) for access control**: it is possible to configure 10,000 955MF/T key tags or 955MF/C cards or our **free app Videx Virtual Fob**.

Visual and acoustic alerts

The audio and video modules are equipped with **4 visual alert LEDs for the hearing impaired, or graphic display in the digital version**: busy, call in progress, open communication and open door. **Acoustic alerts for the visually impaired** indicate a call in progress and busy status.

High quality microphone: Hi-Fi intelligibility

The audio and video modules are equipped with a high quality microphone, the audio balance is perfect and Larsen effect or amplification issues in general are eliminated.

High resolution cowlour wide-angle video cameras

The video camera is a **1080p (2Mpx) high resolution CMOS colour wide-angle with autoiris**. The wide-angle digital autofocus technology and the 4 white LEDs capture a very large viewing area, up to 70° vertically and 135° horizontally, with very high image quality and sharpness even at night.

Separate camera function

The function is also available on the Videx CloudNected App, allowing users to view the video stream from the separate camera – in addition to that from the external unit – when they are away from home. During the conversation, a dedicated icon appears on the smartphone screen, allowing users to switch the video stream to that of the separate camera and vice versa, depending on the priority defined in the settings.



Push-button panel

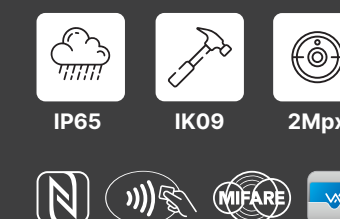
4000 SERIES



4000 Series push-button panel: redefines the modular solution standard

Extremely sturdy, easy to install and super compact, it is available in an **analogue push-button panel and digital panel version with electronic address book**.

Its tech design makes it modern and can be contextualised in every application, from residential to large buildings, Commercial and industrial structures.



Push-button panel

4000 SERIES VANDAL PROOF



Vandal-proof audio plate with IPure technology

The new vandal-proof panel with IPure technology is the intercom solution for applications where the audio door station needs to be integrated into an existing network infrastructure, ensuring the advantage of vandal resistance.



IP65



IK09

The IPure vandal-proof plate supports the SIP protocol as standard and integrates with VoIP switchboards or operator stations, which are very common in industrial and tertiary applications. The http protocol is also implemented for the 2 inputs and 2 outputs on board to activate various services, such as opening gates, or to communicate with third parties, such as video surveillance systems.

Like the entire IPure range of devices, **there are no licence fees for the protocols** that are implemented as standard and available **free of charge** to professionals.

Applications

The new vandal-proof plate with IPure technology is the ideal intercom solution for applications requiring extreme durability: detention centres, airports, factories, car parks and other purely industrial and tertiary environments where there is a need to integrate the audio door station into an existing network infrastructure, ensuring the advantage of vandal resistance.



Configuration

The vandal-proof plate is **easily configurable** using the IPure Wizard tool or a web browser, simplifying integration with third-party devices.

The configuration of the new vandal-proof plate – as with all IPure devices – is very simple: you don't need to be a network expert because the IPure Wizard tool and web-based configuration **guide you through every step**.

Design and reliability

The vandal-proof plate is an **ultra-thin** stainless steel sheet with an AISI 316 satin finish, ideal for environments with high humidity and salinity.

It has an **IK09** vandal-proof rating, is **IP65** rated and resistant to temperatures from -20° to +60°. It includes **visual signalling LEDs** for service status feedback and is **PoE standard**. Alternatively, 12V power supply is available.

Mobile app



Videx Virtual Fob



Open the door to the future with Videx NFC technology

Thanks to the built-in **MIFARE NFC** proximity reader, you can turn your smartphone into a proximity key. A simple 'tap' will let you open the entrance. All you need are Videx cards or tags and your smartphone.



The 4000 series outdoor stations are **equipped as standard** with a **MIFARE NFC** proximity reader.

This guarantees a very high security standard and also allows the user to use our **free Videx Virtual Fob app**.

The user can use their smartphone to open locks and gates. **Just a 'tap'.**

How to add a Videx NFC card to the Videx Virtual Fob app

- 01** Download and open the Videx Virtual Fob app.
- 02** Tap the **+** button, in the top right corner.
- 03** Move the Videx Card close to the smartphone NFC antenna. A blue icon indicates that the card has been added. Now the card is available on the app home page.
- 04** Once the card has been added to the app, it is possible to use the smartphone instead of a physical card. This means that the smartphone can be used to activate an output or used as a Master card.



Why did we choose NFC technology?

- **Advanced Security**
High security standards thanks to MIFARE / NFC technology
- **Ease of use**
Open gates and locks with just a tap of your smartphone
- **Compatibility**
Available on 4000 Series outdoor stations at no additional cost and available on most smartphones

Download the app

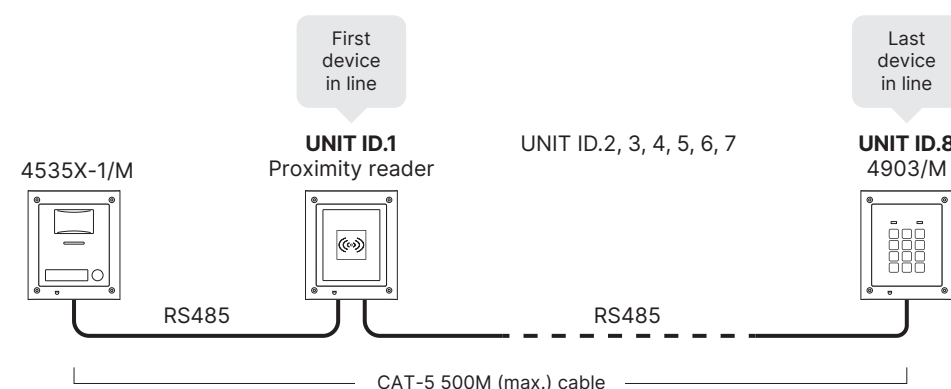


Expand your IPure system with the **access control** system

On all audio and audio/video modules in the 4000 Series and the Flush digital nameplate, you can **connect up to 8 access control modules via RS-485 bus**. Simply install the main external unit (or more than one) and then connect the access control modules, available with proximity sensors and numeric keypad, to it via RS-485 bus.

This makes it possible to create an open IP solution integrated with a complete access control system.

In addition, you will have the advantage of not having to specifically configure each installed reader, as you can simply **use the free IPure Wizard tool or the web browser mode**. Last but not least, for any updates or changes to the settings, **you can intervene remotely, optimising your work**.



Products list

Indoor stations



KL7VXIPW

Klass Series 7" Connected video intercom, hands-free full-duplex audio speaker for IPure System, white



Klass Series videointercom, Embedded Linux operating system, 7" 16/9 high resolution (1024×600 pixels IPS) LCD TFT full touch capacitive touchscreen, 3mm glass fascia, full-duplex audio speaker, temperature/humidity sensor, ambient light sensor, proximity sensor, 2 active/low inputs, 2 relay outputs that can be activated locally (C, NO - max 35Vdc 50mA), 8 soft-touch buttons that can be configured or dedicated to preset functions: conversation/auto power on, door opener, intercom call, video camera/privacy service switching, etc. Contrast adjustment, brightness and call volume. Local call input, video-intercom function configurable through GUI menu (up to 1080p).

Features: privacy programmable through GUI menu, weather widget, switching outdoor audio/video stations or CCTV video cameras implemented with RTSP protocol, event log available locally or through the Videx CloudNected App, CCTV implementation with PiP feature.

Smart chronothermostat function that can be managed locally or through the Videx CloudNected App. Integrated browser, Multi-compatibility with protocols: SIP 2.0, RTSP, HTTP. Optional Wi- Fi Dongle module Cod. DNGL. Bracket Cod. KLBRW. is included. White glass and ABS material. RJ-45 port 10/100 Mbps. IEEE 802.3af (Class 0) PoE power or 12V dc - 650mA. Dimensions: 195×165×30mm. Wall-mounted, optional table stand Cod. KLHFTS or Cod. KLHSTS.



KL7VXIPB

Klass Series 7" Connected video intercom, hands-free full-duplex audio speaker for IPure System, black



Klass Series videointercom, Embedded Linux operating system, 7" 16/9 high resolution (1024×600 pixels IPS) LCD TFT full touch capacitive touchscreen, 3mm glass fascia, full-duplex audio speaker, temperature/humidity sensor, ambient light sensor, proximity sensor, 2 active/low inputs, 2 relay outputs that can be activated locally (C, NO - max 35Vdc 50mA), 8 soft-touch buttons that can be configured or dedicated to preset functions: conversation/auto power on, door opener, intercom call, video camera/privacy service switching, etc. Contrast adjustment, brightness and call volume. Local call input, video-intercom function configurable through GUI menu (up to 1080p).

Features: privacy programmable through GUI menu, weather widget, switching outdoor audio/video stations or CCTV video cameras implemented with RTSP protocol, event log available locally or through the Videx CloudNected App, CCTV implementation with PiP feature.

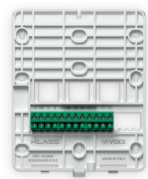
Smart chronothermostat function that can be managed locally or through the Videx CloudNected App. Integrated browser, Multi-compatibility with protocols: SIP 2.0, RTSP, HTTP. Optional Wi- Fi Dongle module Cod. DNGL. Bracket Cod. KLBRB. is included. Black glass and ABS material. RJ-45 port 10/100 Mbps. IEEE 802.3af (Class 0) PoE power or 12V dc - 650mA. Dimensions: 195×165×30mm. Wall-mounted, optional table stand Cod. KLHFTS or Cod. KLHSTS.



KLHSW

Klass Series Handset with magnetic cradle and cord, white

Klass Series handset with magnetic cradle and cord. White ABS material. Dimensions 42×165×30mm.



KLBRW

Klass Series Mounting Bracket, white

Klass Series mounting bracket with connectors. White ABS material. Dimension 97×122×5mm.



KLHSB

Klass Series Handset with magnetic cradle and cord, black

Klass Series handset with magnetic cradle and cord. Black ABS material. Dimensions 42×165×30mm.



KLBRB

Klass Series Mounting Bracket, black

Klass Series mounting bracket with connectors. Black ABS material. Dimension 97×122×5mm.



KLHFTS

Klass Series, hands-free, table stand

Klass Series, hands-free, table stand. Satin finish stainless steel material. Dimension 154×185×116mm.



KLHSTS

Klass Series, with handset, table stand

Klass Series, with handset, table stand. Satin finish stainless steel material. Dimension 212×185×116mm.



6798

7" Connected video intercom full-duplex audio speaker



6700 Series video intercom, Embedded Linux operating system, 7" 16/9 high resolution (800×480 pixels) LCD TFT full touch capacitive touchscreen, full-duplex audio speaker, temperature/humidity sensor, 2 active/low inputs, 2 relay outputs that can be activated locally (C, NO - max 35V DC 50mA), 4 tactile buttons that can be configured or dedicated to preset functions: conversation/ auto power on, door opener, intercom call, video camera/privacy service switching, etc. Contrast adjustment, brightness and call volume. Local call input, intercom function configurable through GUI menu. Features: privacy programmable through GUI menu, weather widget, switching outdoor audio/video stations or CCTV video cameras implemented with RTSP protocol, event log available locally or through the Videx CloudNected App, CCTV implementation with PiP feature. Smart chronothermostat function that can be managed locally or through the Videx CloudNected App. Integrated browser, Multi-compatibility with protocols: SIP 2.0, RTSP, HTTP. Optional Wi- Fi Dongle module. DNGL. White ABS material. RJ-45 port 10/100 Mbps. IEEE 802.3af (Class 0) PoE Power, or 12V DC - 650mA. Dimensions: 200×150×27mm. Wall-mounted, optional table base cod. 67932.



67932

Table base for 6798

Table base for video intercom Cod. 6798. Material: Satin finish Stainless Steel.



6296

3.5" Connected video intercom with handset



6200 Series video intercom, 3.5" resolution (320×240 pixels) resistive touch TFT LCD monitor, 2 active/low inputs, 2 relay outputs that can be activated locally and remotely through the Videx CloudNected App (C, NO - max 35V DC 50mA), 4 tactile buttons that can be configured or dedicated to preset features: conversation/auto power on, door opener, intercom call, video camera switching/privacy service. Contrast adjustment, brightness and call volume. Local call input, intercom function configurable through GUI menu. Features: privacy programmable through GUI menu, switching outdoor audio/video stations, event log available locally or through the Videx CloudNected App. Multi-compatibility protocols: SIP 2.0, HTTP. White ABS material. RJ-45 port 10/100 Mbps. IEEE 802.3af (Class 0) PoE Power, or 12V DC - 300mA. Dimensions: 144×182×27mm. Wall-mounted, optional table base cod. 62932.



62932

Table base for 6296

Table base for video intercom Cod. 6296. Material: Satin finish Stainless Steel.



6398

3.5" Connected video intercom full-duplex audio speaker



6300 Series video intercom, 3.5" resolution (320×240 pixels) resistive touchscreen TFT LCD monitor, 2 active/low inputs, 2 relay outputs that can be activated locally and remotely through the Videx CloudNected App (C, NO - max 35V DC 50mA), full-duplex audio speaker, 4 tactile buttons that can be configured or dedicated to preset features: conversation/ auto power on, open-door, multiple intercom call, switching video camera/privacy service. Contrast adjustment, brightness and call volume. Local call input, intercom function. Features: privacy programmable through GUI menu, switching outdoor audio/video stations, event log available locally or through the Videx CloudNected App. Multi-compatibility with protocols: SIP 2.0, HTTP. White ABS material. RJ-45 port 10/100 Mbps. IEEE 802.3af (Class 0) PoE Power, or 12V DC - 300mA. Dimensions: 102×182×27mm. Wall-mounted, optional table base cod. 63932.



63932

Table base for 6398

Table base for video intercom Cod. 6398. Material: Satin finish Stainless Steel.



3196

Intercom with handset



3000 Series intercom, 5 buttons configurable for features: open door, intercom call, auto power on, timed privacy service, service, SIP call, DTMF transmission and send messages. 1 LED for services: privacy, status. 2 inputs. Call volume adjustment (3 levels), number of rings and ringtone. White ABS material. RJ-45 port 10/100 Mbps. IEEE 802.3af (Class 0) PoE Power, or 12V DC - 250mA. Dimensions: 85×218×55mm. Wall-mounted, optional table base cod. 3038/IP.



3038/IP

Table base for 3196

Table base for 3000 series intercoms. Material: painted steel.

Outdoor stations



4515V

Vandal resistant digital audio/video panel for IPure system



Audio/video panel with 4000 series numerical keypad for IPure system including 1/2.9" color CMOS auto exposure camera with 3.5V/lux sensitivity and 1920×1080(1080p/2Mpx) / 1280×720(720p/1Mpx) / 640×480(VGA) / 352×288(CIF) / 320×240(QVGA) / 176×144(QCIF) resolution, frame rate @30fps. Wide angle view (V70°x135°H). H.264/H.263+/H.263 video codec, RTP/RTSP video protocol. 4 LED white light for night vision. 1 integrated microphone, 1 integrated speaker, class D 1W amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ -law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. Integrated NFC/MIFARE proximity reader (ISO IEC 14443A) for use with up to 10,000 proximity keys Cod. 955MF/T or ISO3 cards, the key configuration takes place through the PC using IPure Wizard software. Graphic display with blue backlight 128×64px. Directory of 10,000 contacts selectable from the alphanumeric keypad and viewable from the display. Wiegand interface (26 or 34 programmable bits). Visual alert on the system status display: busy, call in progress, open communication and open door. Acoustic alert for the visually impaired: open communication and open door. Configurable programming of door opening time and conversation. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Blue LED button backlighting. Microphone to be housed in the specific compartment of the module holder frames that allows for better sound output even in noisy environments, also eliminating any Larsen effect issues. Videx IPure/CloudNected proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, RTSP, HTTP, ONVIF profile T and S. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC $\pm$ 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat-5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 103×240mm. The size of 2 modules.



4515RV

Vandal resistant digital audio/video panel with electronic address book for IPure system



Audio/video panel with electronic address book and 4000 Series digital keypad for IPure system including 1/2.9" color CMOS auto exposure camera with 3.5V/lux sensitivity and 1920×1080(1080p/2Mpx) / 1280×720(720p/1Mpx) / 640×480(VGA) / 352×288(CIF) / 320×240(QVGA) / 176×144(QCIF) resolution, frame rate @30fps. Wide angle view (V70°x135°H). H.264/H.263+/H.263- video codec, RTP/RTSP video protocol. 4 LED white light for night vision. 1 integrated microphone, 1 integrated 8 Ω /2W speaker, 1W class D amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ -law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. Integrated NFC/MIFARE proximity reader (ISO IEC 14443A) for use with up to 10,000 proximity keys Cod. 955MF/T or ISO3 cards, the key configuration takes place through the PC using IPure Wizard software. Graphic display with blue backlight 128×64px. Directory of 10,000 contacts selectable from the alphanumeric keypad and viewable from the display. Wiegand interface (26 or 34 programmable bits). Visual alert on the system status display: busy, call in progress, open communication and open door. Acoustic alert for the visually impaired: open communication and open door. Configurable programming of door opening time and conversation. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Blue LED button backlighting. Microphone to be housed in the specific compartment of the module holder frames that allows for better sound output even in noisy environments, also eliminating any Larsen effect issues. Videx IPure/CloudNected proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, RTSP, HTTP, ONVIF profile T and S. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC $\pm$ 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat-5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 103×240mm. The size of 2 modules.



4515V/F

Vandal resistant digital audio/video panel for IPure system



Audio/video panel with FLUSH series numerical keypad for IPure system including 1/2.9" color CMOS auto exposure camera with 3.5V/lux sensitivity and 1920×1080(1080p/2Mpx) / 1280×720(720p/1Mpx) / 640×480(VGA) / 352×288(CIF) / 320×240(QVGA) / 176×144(QCIF) resolution, frame rate @30fps. Wide angle view (V70°x135°H). H.264/H.263+/H.263 video codec, RTP/RTSP video protocol. 4 LED white light for night vision. 1 integrated microphone, 1 integrated speaker, class D 1W amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ -law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. Integrated NFC/MIFARE proximity reader (ISO IEC 14443A) for use with up to 10,000 proximity keys Cod. 955MF/T or ISO3 cards, the key configuration takes place through the PC using IPure Wizard software. Graphic display with blue backlight 128×64px. Directory of 10,000 contacts selectable from the alphanumeric keypad and viewable from the display. Wiegand interface (26 or 34 programmable bits). Visual alert on the system status display: busy, call in progress, open communication and open door. Acoustic alert for the visually impaired: open communication and open door. Configurable programming of door opening time and conversation. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Blue LED button backlighting. Videx IPure/CloudNected proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, RTSP, HTTP, ONVIF profile T and S. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 with 2.5 mm thickness and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC $\pm$ 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat-5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 135×280×47mm. Flush box included, dimensions 120×263×45mm. No installation accessories required.



4515RV/F

Vandal resistant digital audio/video panel with electronic address book for IPure system



Audio/video plate panel electronic address book and FLUSH Series digital keypad for IPure system including 1/2.9" color CMOS auto exposure camera with 3.5V/lux sensitivity and 1920×1080(1080p/2Mpx) / 1280×720(720p/1Mpx) / 640×480(VGA) / 352×288(CIF) / 320×240(QVGA) / 176×144(QCIF) resolution, frame rate @30fps. Wide angle view (V70°x135°H). H.264/H.263+/H.263 video codec, RTP/RTSP video protocol. 4 LED white light for night vision. 1 integrated microphone, 1 integrated 8 Ω /2W speaker, 1W class D amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ -law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. Integrated NFC/MIFARE proximity reader (ISO IEC 14443A) for use with up to 10,000 proximity keys Cod. 955MF/T or ISO3 cards, the key configuration takes place through the PC using IPure Wizard software. Graphic display with blue backlight 128×64px. Directory of 10,000 contacts selectable from the alphanumeric keypad and viewable from the display. Wiegand interface (26 or 34 programmable bits). Visual alert on the system status display: busy, call in progress, open communication and open door. Acoustic warning for the visually impaired: open communication and open door. Configurable programming of door opening time and conversation. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Blue LED button backlighting. Videx IPure/CloudNected proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, RTSP, HTTP, ONVIF profile T and S. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 with 2.5 mm thickness and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC $\pm$ 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat- 5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 135×280×47mm. Flush box included, dimensions 120×263×45. No installation accessories required.



4505X-0/M



Audio module - 0 buttons for IPure system

4000 Series 0-button audio module for IPure system including 1 integrated microphone, 1 integrated 8Ω/2W speaker, 1W class D amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ-law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. Integrated NFC/MIFARE proximity reader (ISO IEC 14443A) for use with up to 10,000 proximity keys Cod. 955MF/T or ISO3 cards, the key configuration takes place through the PC using IPure Wizard software. Wiegand interface (26 or 34 programmable bits). IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). 4 LEDs for visual alert of system status: busy, call in progress, open communication and open door. Acoustic alert for the visually impaired: open communication and open door. Configurable door opening time and conversation. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Blue LED information card backlighting. Microphone to be housed in the specific compartment of the module holder frames that allows for better sound output even in noisy environments, also eliminating any Larsen effect issues. Videx IPure proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, HTTP. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC ± 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat-5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 103×120×43mm. 1 module.



4505X-1/M



Audio module - 1 button for IPure system

4000 Series 1-button audio module for IPure system including 1 integrated microphone, 1 integrated 8Ω/2W speaker, 1W class D amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ-law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. Integrated NFC/MIFARE proximity reader (ISO IEC 14443A) for use with up to 10,000 proximity keys Cod. 955MF/T or ISO3 cards, the key configuration takes place through the PC using IPure Wizard software. Wiegand interface (26 or 34 programmable bits). IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). 4 LEDs for visual alert of system status: busy, call in progress, open communication and open door. Acoustic alert for the visually impaired: open communication and open door. Configurable door opening time and conversation. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Blue LED information card backlighting. Microphone to be housed in the specific compartment of the module holder frames that allows for better sound output even in noisy environments, also eliminating any Larsen effect issues. Videx IPure proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, HTTP. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC ± 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat-5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 103×120×43mm. 1 module.



4505X-2/M



Audio module - 2 button for IPure system

4000 Series 2-button audio module for IPure system including 1 integrated microphone, 1 integrated 8Ω/2W speaker, 1W class D amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ-law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. Integrated NFC/MIFARE proximity reader (ISO IEC 14443A) for use with up to 10,000 proximity keys Cod. 955MF/T or ISO3 cards, the key configuration takes place through the PC using IPure Wizard software. Wiegand interface (26 or 34 programmable bits). IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). 4 LEDs for visual alert of system status: busy, call in progress, open communication and open door. Acoustic alert for the visually impaired: open communication and open door. Configurable door opening time and conversation. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Blue LED information card backlighting. Microphone to be housed in the specific compartment of the module holder frames that allows for better sound output even in noisy environments, also eliminating any Larsen effect issues. Videx IPure proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, HTTP. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC ± 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat-5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 103×120×43mm. 1 module.



4504SA-1

Flush audio module - 1 button for IPure system, Special Applications version

4000 Series flush 1-button audio module for IPure system including 1 integrated microphone, 1 integrated 8Ω/2W speaker, 1W class D amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ-law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. 4 LEDs for visual alert of system status: busy, call in progress, open communication and open door. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Videx IPure proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, HTTP. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC ± 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat-5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 103×120×43mm. 1 module.



4535X-0/M



Audio/video module - 0 buttons for IPure system

4000 Series 0 button audio/video module for IPure system including 1/2.9" color CMOS auto exposure camera with 3.5V/lux sensitivity and 1920×1080 (1080p/2Mpx) / 1280×720 (720p/1Mpx) / 640×480 (VGA) / 352×288 (CIF) / 320×240 (QVGA) / 176×144 (QCIF) resolution, frame rate @30fps. Wide angle view (V70°×135°H). H.264/H.263+/H.263 video codec, RTP/RTSP video protocol. 4 LED white light for night vision. 1 integrated microphone, 1 integrated 8Ω/2W speaker, 1W class D amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ-law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. Integrated NFC/MIFARE proximity reader (ISO IEC 14443A) for use with up to 10,000 proximity keys Cod. 955MF/T or ISO3 cards, the key configuration takes place through the PC using IPure Wizard software. Wiegand interface (25 or 34 programmable bits). IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). 4 LEDs for visual alert of system status: busy, call in progress, open communication and open door. Acoustic alert for the visually impaired: open communication and open door. Configurable programming of door opening time and conversation. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Blue LED information card backlighting. Microphone to be housed in the specific compartment of the module holder frames that allows for better sound output even in noisy environments, also eliminating any Larsen effect issues. Videx IPure/CloudNected proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, RTSP, HTTP, ONVIF profile T and S. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC ± 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat-5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 103×120×43mm. 1 module.



4535X-1/M



Audio/video module - 1 button for IPure system

4000 Series -1 button audio/video module for IPure system including 1/2.9" color CMOS auto exposure camera with 3.5V/lux sensitivity and 1920×1080 (1080p/2Mpx) / 1280×720 (720p/1Mpx) / 640×480 (VGA) / 352×288 (CIF) / 320×240 (QVGA) / 176×144 (QCIF) resolution, frame rate @30fps. Wide angle view (V70°×135°H). H.264/H.263+/H.263 video codec, RTP/RTSP video protocol. 4 LED white light for night vision. 1 integrated microphone, 1 integrated 8Ω/2W speaker, 1W class D amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ-law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. Integrated NFC/MIFARE proximity reader (ISO IEC 14443A) for use with up to 10,000 proximity keys Cod. 955MF/T or ISO3 cards, the key configuration takes place through the PC using IPure Wizard software. Wiegand interface (26 or 34 programmable bits). IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). 4 LEDs for visual alert of system status: busy, call in progress, open communication and open door. Acoustic alert for the visually impaired: open communication and open door. Configurable programming of door opening time and conversation. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Blue LED information card backlighting. Microphone to be housed in the specific compartment of the module holder frames that allows for better sound output even in noisy environments, also eliminating any Larsen effect issues. Videx IPure/CloudNected proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, RTSP, HTTP, ONVIF profile T and S. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC ± 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat-5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 103×120×43mm. 1 module.



4535X-2/M



Audio module - 2 button for IPure system

4000 Series -2 button audio/video module for IPure system including 1/2.9" color CMOS auto exposure camera with 3.5V/lux sensitivity and 1920×1080 (1080p/2Mpx) / 1280×720 (720p/1Mpx) / 640×480 (VGA) / 352×288 (CIF) / 320×240 (QVGA) / 176×144 (QCIF) resolution, frame rate @30fps. Wide angle view (V70°×135°H). H.264/H.263+/H.263 video codec, RTP/RTSP video protocol. 4 LED white light for night vision. 1 integrated microphone, 1 integrated 8Ω/2W speaker, 1W class D amplifier. Full-duplex audio (AEC) feature with digital noise/disturbance reduction. G711 μ-law/A-law and G729 audio codec, Videx IPure/RTP audio protocol. Sampling frequency 8kHz. Integrated NFC/MIFARE proximity reader (ISO IEC 14443A) for use with up to 10,000 proximity keys Cod. 955MF/T or ISO3 cards, the key configuration takes place through the PC using IPure Wizard software. Wiegand interface (26 or 34 programmable bits). IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). 4 LEDs for visual alert of system status: busy, call in progress, open communication and open door. Acoustic alert for the visually impaired: open communication and open door. Configurable programming of door opening time and conversation. 2 C-NO-NC clean contact series relays (max 24V AC/DC - 2A), 2 standard programmable inputs (PTE). 1 RS-485 bus port. Adjustable microphone and speaker levels. Blue LED information card backlighting. Microphone to be housed in the specific compartment of the module holder frames that allows for better sound output even in noisy environments, also eliminating any Larsen effect issues. Videx IPure/CloudNected proprietary protocol. Multi-compatibility with protocols: SIP 2.0 (UDP), 802.1x, RTP, RTSP, HTTP, ONVIF profile T and S. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 and IP65 protection rating. Operating temperature -20°/+70°C. Power PoE 802.3af (Class 0 - 12.95W) or 12V DC ± 15%/400mA. RJ45 10/100 BASE-TX LAN Port with Auto-MDIX, Cat-5 or higher recommended cable. Simplified device configuration through IPure Wizard software. Dimensions: 103×120×43mm. 1 module.



4043/M

3-button call module common to all systems

3-button call module 4000 Series for IPure, VX2300 and GSM systems. Blue LED name cards backlighting. IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK07 and IP65 protection rating. Operating temperature -20°/+60°C. Dimensions 103×120×43mm. 1 module.



4044/M

4-button call module common to all systems

4-button call module 4000 Series for IPure, VX2300 and GSM systems. Blue LED name cards backlighting. IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK07 and IP65 protection rating. Operating temperature -20°/+60°C. Dimensions 103×120×43mm. 1 module.



4045/M

5-button call module common to all systems

5-button call module 4000 Series for IPure, VX2300 and GSM systems. Blue LED name cards backlighting. IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK07 and IP65 protection rating. Operating temperature -20°/+60°C. Dimensions 103×120×43mm. 1 module.



4042D/M

4-button call module on columns rows common to all systems

4-button call module on two columns 4000 Series for IPure, VX2300 and GSM systems. Blue LED name cards backlighting. IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK07 and IP65 protection rating. Operating temperature -20°/+60°C. Dimensions 103×120×43mm. 1 module.



4043D/M

6-button call module on two columns common to all systems

6-button call module on two columns 4000 Series for IPure, VX2300 and GSM systems. Blue LED name cards backlighting. IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK07 and IP65 protection rating. Operating temperature -20°/+60°C. Dimensions 103×120×43mm. 1 module.



4044D/M

8-button call module on two columns common to all systems

8-button call module on two columns 4000 Series for IPure, VX2300 and GSM systems. Blue LED name cards backlighting. IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK07 and IP65 protection rating. Operating temperature -20°/+60°C. Dimensions 103×120×43mm. 1 module.



4045D/M

10-button call module on two columns common to all systems

10-button call module on two columns 4000 Series for IPure, VX2300 and GSM systems. Blue LED name cards backlighting. IDC connector for connection via flat cable (supplied) with other optional modules (maximum 8 modules for a total of 42 buttons). Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK07 and IP65 protection rating. Operating temperature -20°/+60°C. Dimensions 103×120×43mm. 1 module.



4846/M

Information module common to all systems

Information module 4000 Series for IPure, VX2300 and GSM systems. Blue LED backlighting Frame in AISI 316 brushed stainless steel (marine grade) that provide durability in installations subject to atmospheric agents and near marine environments, transparent polycarbonate cover (83×104mm), writeable card (96×113mm). Vandal resistant plate with IK07 and IP65 protection rating. Operating temperature -20°/+60°C. Power supply 12V DC - 30mA. Dimensions: 103×120×43mm. 1 module.



VR4KIFM

Vandal resistant information module

Information module 4000 Series for IPure and GSM systems. Blue LED backlighting Frame in AISI 316 brushed stainless steel (marine grade) that provide durability in installations subject to atmospheric agents and near marine environments, transparent polycarbonate cover (52×85mm), writeable card (62×100mm). Vandal resistant plate with IK09 and IP65 protection rating. Operating temperature -20°/+60°C. Power supply 12V DC - 30mA. Dimensions: 103×120×43mm. 1 module.



4840/M

Blanking module common to all systems

Blanking module 4000 Series for IPure, VX2300 and GSM systems. AISI 316 brushed stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Dimensions 103×120×43mm. 1 module.



VR4KBLM

Vandal resistant blanking module

Dummy module 4000 Series for IPure and GSM systems. Satin-finished AISI 316 stainless steel plate (marine grade) that provides durability in installations subject to atmospheric agents and in the vicinity of marine environments. Vandal resistant plate with IK09 and IP65 protection rating. Dimensions: 103×120×43mm. 1 module.



4903/M

Centralised stand-alone access control module with numeric keypad for IPure system

Centralised stand-alone access control module for IPure system. 2 access codes for stand-alone operation, 400 access codes through centralisation with 4810/4G audio modules and 32 temporary access codes. Configuration through IPure Wizard software. Backlighting of the 12 buttons with blue LEDs, 2 LEDs for status/operation alerts. 2 relays with contacts C, NC, NO (24V AC/DC - 2A) programmable for temporary activation (01 ... 255 seconds) or for switching operation. 2 PTE inputs (active/low) to directly control relays 1 and 2. Acoustic and visual alerts during operation. Two operating modes: stand-alone mode, distributed through RS-485. Vandal resistant plate with IK07 and IP65 protection rating. Operating temperature -20°/+70°C. Power supply 12/24V AC/DC - 2A. Dimensions: 103×120×43mm. 1 module.



4850R/M

Centralised access control module with proximity reader for IPure system

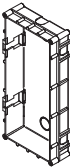
Access control module for IPure system. 2 LED for status/operation alerts. 1 relays with contacts C, NC, NO (24V AC/DC - 2A) programmable for temporary activation (01 ... 99 seconds) or for switching operation. 1000 proximity keys that can be combined with the relay through centralisation with 4810/4G audio modules. Configuration through IPure Wizard software. 1 PTE inputs (active/low) to directly control relays. Acoustic and visual alerts during operation. Vandal resistant plate with IK07 and IP65 protection rating. Operating temperature -20°/+60°C. Power supply 12/24V AC/DC. Dimensions: 103×120×43mm. 1 module.

4000 Series Accessories

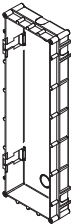
Flush box



FB01
1 module
Dimension:
120×143×45mm.



FB02
2 modules
Dimension:
120×263×45mm.



FB03
3 modules
Dimension:
120×383×45mm.



4851

Flush installation kit 1 module

Composed of: flush box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Box dimensions: 120×143×45 mm, frame dimensions: 135×160×17mm, gunmetal grey colour.



4851AP

Flush installation kit 1 module

Composed of: flush box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Box dimensions: 120×143×45 mm, frame dimensions: 135×160×17mm, aluminium grey colour.



4852

Flush installation kit 2 modules

Composed of: flush box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Box dimensions: 120×263×45 mm, frame dimensions: 135×280×17mm, gunmetal grey colour.



4852AP

Flush installation kit 2 modules

Composed of: flush box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Box dimensions: 120×263×45 mm, frame dimensions: 135×280×17mm, aluminium grey colour.



4853

Flush installation kit 3 modules

Composed of: flush box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Box dimensions: 120×383×45 mm, frame dimensions: 135×400×17mm, gunmetal grey colour.



4853AP

Flush installation kit 3 modules

Composed of: flush box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Box dimensions: 120×383×45 mm, frame dimensions: 135×400×17mm, aluminium grey colour.



4871

Rain shield for 1-module frame for flush installation kit

Dimensions 157×164×35mm, gunmetal grey colour.



4871AP

Rain shield for 1-module frame for flush installation kit

Dimensions 157×164×35mm, aluminium grey colour.



4872

Rain shield for 2-module frame for flush installation kit

Dimensions 157×284×35mm, gunmetal grey colour.



4872AP

Rain shield for 2-module frame for flush installation kit

Dimensions 157×284×35mm, aluminium grey colour.



4873

Rain shield for 3-module frame for flush installation kit

Dimensions 157×404×35mm, gunmetal grey colour.



4873AP

Rain shield for 3-module frame for flush installation kit

Dimensions 157×404×35mm, aluminium grey colour.



4874

Rain shield for 4-module frame for flush installation kit

Dimensions 292×284×35mm, gunmetal grey colour.



4874AP

Rain shield for 4-module frame for flush installation kit

Dimensions 292×284×35mm, aluminium grey colour.



4876

Rain shield for 6-module frame for flush installation kit

Dimensions 292×404×35mm, gunmetal grey colour.



4876AP

Rain shield for 6-module frame for flush installation kit

Dimensions 292×404×35mm, aluminium grey colour.



4879

Rain shield for 9-module frame for flush installation kit

Dimensions 427×404×35mm, gunmetal grey colour.



4879AP

Rain shield for 9-module frame for flush installation kit

Dimensions 427×404×35mm, aluminium grey colour.



4881

Surface wall installation kit 1 module

Composed of: surface box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 135×160×44mm, gunmetal grey colour.



4881AP

Surface wall installation kit 1 module

Composed of: surface box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 135×160×44mm, aluminium grey colour.



4882

Surface wall installation kit 2 modules

Composed of: surface box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 135×280×44mm, gunmetal grey colour.



4882AP

Surface wall installation kit 2 modules

Composed of: surface box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 135×280×44mm, aluminium grey colour.



4883

Surface wall installation kit 3 modules

Composed of: surface box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 135×400×44mm, gunmetal grey colour.



4883AP

Surface wall installation kit 3 modules

Composed of: surface box and module holder frame. The frame includes 4 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 135×400×44mm, aluminium grey colour.



4884

Surface wall installation kit 4 modules

Composed of: surface box and module holder frame. The frame includes 8 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 270×280×44mm, gunmetal grey colour.



4884AP

Wall installation kit 4 modules

Composed of: surface box and module holder frame. The frame includes 8 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 270×280×44mm, aluminium grey colour.



4886

Surface wall installation kit 6 modules

Composed of: surface box and module holder frame. The frame includes 8 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 270×400×44mm, gunmetal grey colour.



4886AP

Surface wall installation kit 6 modules

Composed of: surface box and module holder frame. The frame includes 8 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 270×400×44mm, aluminium grey colour.



4889

Surface wall installation kit 9 modules

Composed of: surface box and module holder frame. The frame includes 12 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 405×400×44mm, gunmetal grey colour.



4889AP

Surface wall installation kit 9 modules

Composed of: surface box and module holder frame. The frame includes 12 Torx type security screws, a sealing gasket and side hinges to allow the frame to be opened for installation or inspection. Dimensions 405×400×44mm, aluminium grey colour.



4891

Rain shield for 1-module frame for surface kit

Dimensions 157×164×62mm, gunmetal grey colour.



4891AP

Rain shield for 1-module frame for surface kit

Dimensions 157×164×62mm, aluminium grey colour.



4892

Rain shield for 2-module frame for surface kit

Dimensions 157×284×62mm, gunmetal grey colour.



4892AP

Rain shield for 2-module frame for surface kit

Dimensions 157×284×62mm, aluminium grey colour.



4893

Rain shield for 3-module frame for surface kit

Dimensions 157×404×62mm, gunmetal grey colour.



4893AP

Rain shield for 3-module frame for surface kit

Dimensions 157×404×62, aluminium grey colour.



4894

Rain shield for 4-module frame for surface kit

Dimensions 292×284×62mm, gunmetal grey colour.



4894AP

Rain shield for 4-module frame for surface kit

Dimensions 292×284×62mm, aluminium grey colour.



4896

Rain shield for 6-module frame for surface kit

Dimensions 292×404×62mm, gunmetal grey colour.



4896AP

Rain shield for 6-module frame for surface kit

Dimensions 292×404×62mm, aluminium grey colour.



4899

Rain shield for 9-module frame for surface kit

Dimensions 427×404×62mm, gunmetal grey colour.



4899AP

Rain shield for 9-module frame for surface kit

Dimensions 427×404×62mm, aluminium grey colour.



2505

Cloudbox

IP relay module, 2 relays with clean contacts (C,NC,NO - max 24V AC/DC 2A) with standard, switched and pulse operation. 2 programmable inputs of active/low type. RS-485 Interface. 2 buttons for direct activation of the relays. Main modes: door relay replication, ringer repeater, elevator control, CLOUDBOX that allows the use of the Videx CloudNected App without necessarily using a video intercom. Bootloader mode for firmware update and restore functionality. HTTP protocol implemented. Surface installation. IEEE 802.3af (Class 0) PoE power supply, or 12V DC - 150mA. Surface installation.



HDR-15-12

Power Supply

Power Supply common to all systems. 12Vdc/1.25A power supply. Installation on a DIN rail (1 module).



DNGL

Wi-Fi Dongle for KL7VXIPW, KL7VXIPB and 6798

Optional device that can be inserted inside the video intercom for connection to the local Wi-Fi network. An alternative connection type to the standard Ethernet connection. Allows connectivity to the VIDEX Cloud or through integrated browser the possibility of integration with third-party devices.



481

USB-serial Converter

Converts RS232 & RS485 to USB.



482

Tamper Proof Switch

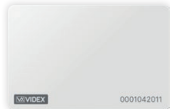
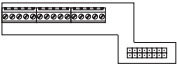
Tamper switch optional accessory for module support frames.



2813

RS-485 Remote relay

A networkable RS-485 remote relay. It is compatible with other Videx devices which incorporate an RS-485 bus connection including the IPure and GSM systems. When connected via the RS-485 bus it can be integrated as part of an access control network with other 2813 remote relays or with 4903 keypads and 4850R proximity readers. It incorporates 1 standard C-NO-NC clean contact relay (max 24V AC/DC - 3A), 2 open collector outputs (A1 and A2) and 1 push to exit button input. 1 RS-485 bus connection to connect to any 4G GSM module that incorporates an RS-485 bus connection. Programming is carried out via the internal dip-switches including relay and auxiliary times (01 ... 63 seconds or 00 for latch mode) and up to 64 device IDs (ID.00 ... ID.63). It can also be setup to mirror the relay and auxiliary outputs of a compatible IPure or GSM module, 4903 keypad or 4850R proximity reader allowing for a Secured by Design configuration. Operating temperature -20°/+60°C. Power supply 12Vdc ± 10%/35mA. Dimensions: 66×60×22mm.



Wiegand to RS-485 Converter

A wiegand to RS-485 converter that allows the connection of 3rd party proximity readers or keypads which operate on the wiegand protocol to connect onto an RS-485 bus. It is compatible with other Videx devices which incorporate an RS-485 bus connection including the iPure and 4G GSM system. When connected via the RS-485 bus it can be integrated as part of an access control network with other RS-485 devices (4G GSM modules that incorporates an RS-485 bus, 2813 remote relays, 4903 keypads and 4850R proximity readers). It has a single switched 0V auxiliary output (AO) that can be used to trigger a relay which can be activated by a signal on the RS-485 bus or via the switched 0V auxiliary input (PE). When setup as the same device ID as the 2813 remote relay connected on the same RS-485 bus it will operate the remote relay's built-in relay. It also incorporates 1 set of wiegand inputs (LR, LG, D0 and D1) and 1 RS-485 bus connection to connect to the RS-485 devices described above. It can be configured via the internal dip-switches which includes: auxiliary output times (1 ... 15 seconds or 0 for latch mode), up to 15 device IDs (ID.00 ... ID.14), keypad access code length and wiegand protocol type to match the 3rd party devices wiegand protocol. Operating temperature -20°/+60°C. Power supply 12Vdc ± 10%/10mA. Dimensions: 66×60×22mm.

Push-buttons Interface

4000 Series push-button interface for audio/video modules and push-buttons, common to all systems.

Ribbon cable

For connection of 4000 series push-button modules across two columns of modules.

MIFARE proximity key

MIFARE proximity key. Blue plastic material.

MIFARE proximity card

ISO3 standard badge. White PVC material.

Proximity key

RFID Proximity key, 125Khz. Blue plastic material.

Proximity card

ISO3 standard badge, 125Khz, reading distance up to 50 mm. White PVC material.

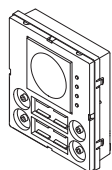
Note

OEM audio and audio/video modules

The new multi-compatible audio and audio/video modules are the solution for all cases where **technological upgrading of a system is required while maintaining the existing push-button panel** design in line with the historicity and elegance of period buildings.

The multi-compatible modules have no casing and can be installed behind the existing push-button panel mechanism and connect up to 40 buttons.

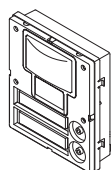
By installing multi-compatible modules, you can keep the existing push-button panel and at the same time **have an up-to-date, state-of-the-art system with the latest IPure technologies**, offering **greater comfort and functionality** for the user: increased security, accessibility even when you are not at home, and the possibility of **integration with third-party systems**.



4505UK-0/NFP

Audio module - 0 button for IPure system

4000 Series audio module without casing for 0-button IPure system, compatibility with third-party analogue push-button panels.



4535UK-0/NFP

Audio/video module - 0 button for IPure system

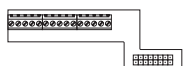
4000 Series audio/video module without casing for 0-button IPure system, compatibility with third-party analogue push-button panels, WD video camera.



VR4903/NFP

Vandal resistant centralised stand-alone access control module with numeric keypad for IPure system

Vandal resistant access control module for IPure system, compatibility with third-party analogue push-button panels.. 2 access codes for stand-alone operation, 400 access codes through centralisation with 4810/4G audio modules and 32 temporary access codes. Configuration through IPure Wizard software. Backlighting of the 12 buttons with blue LEDs, 2 LEDs for status/operation alerts. 2 relays with contacts C, NC, NO (24V AC/DC - 2A) programmable for temporary activation (01 ... 255 seconds) or for switching operation. 2 PTE inputs (active/low) to directly control relays 1 and 2. Acoustic and visual alerts during operation. Two operating modes: stand-alone mode, distributed through RS-485. Operating temperature -20°/+70°C. Power supply 12/24V AC/DC - 2A.

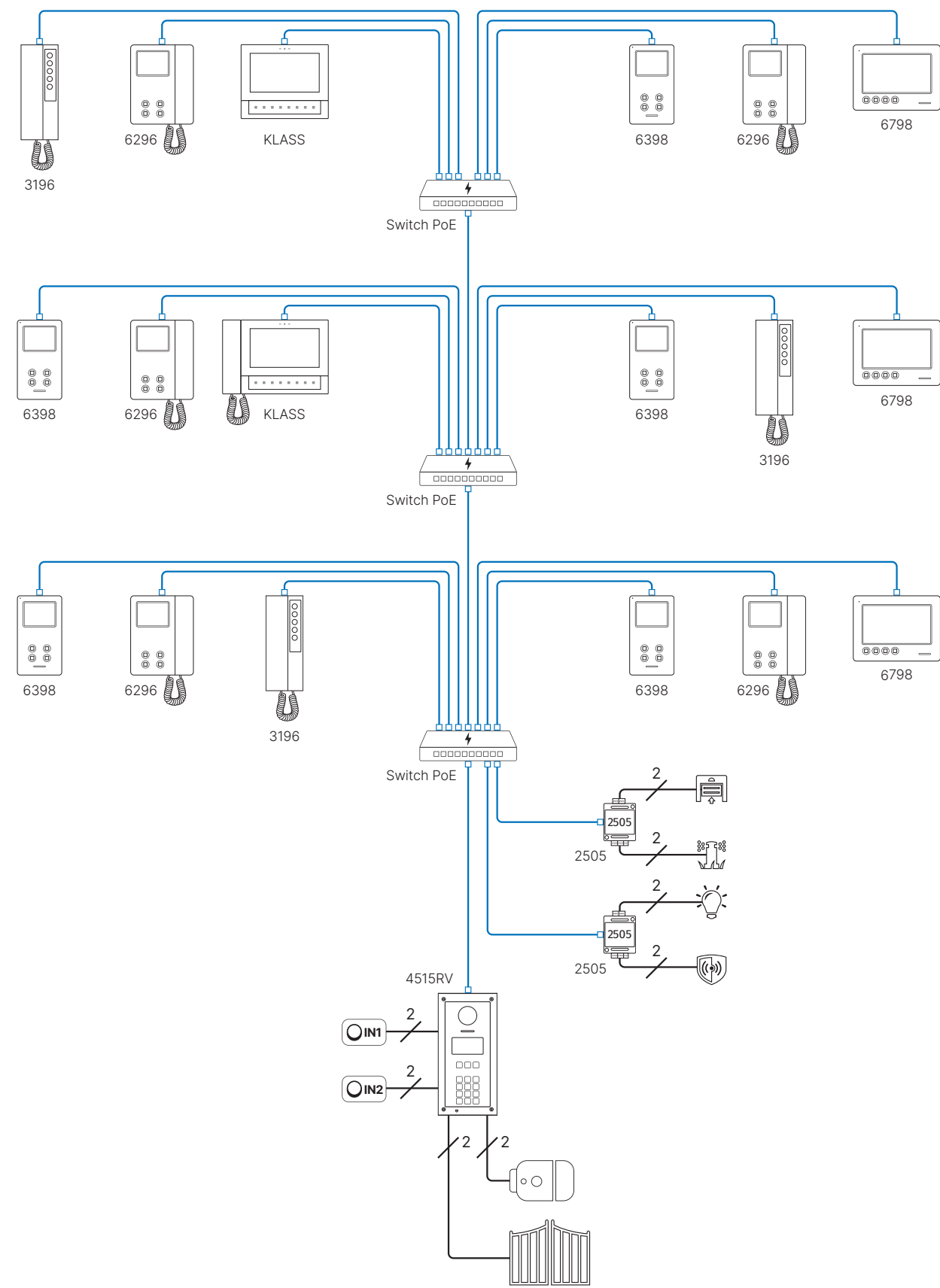
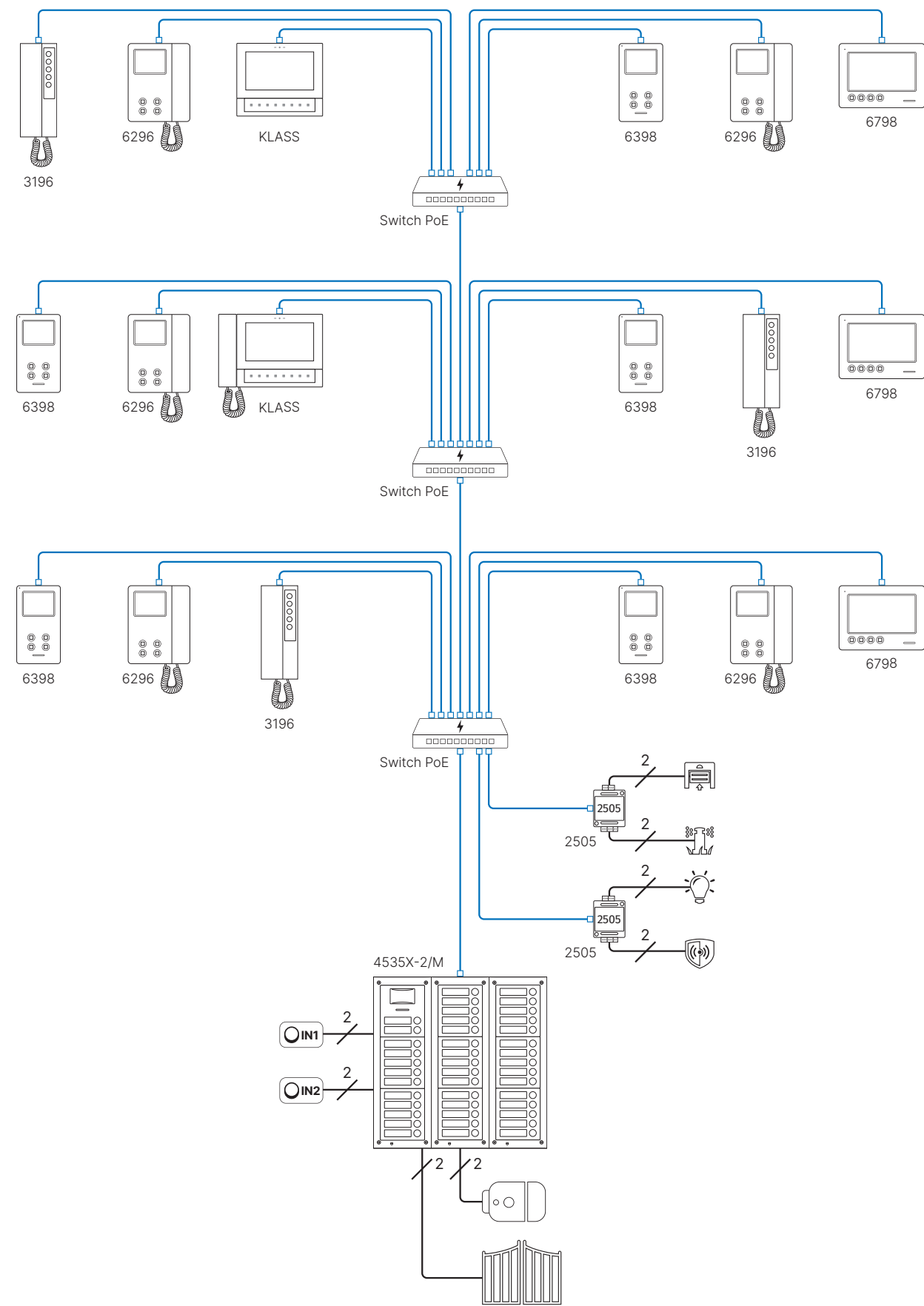


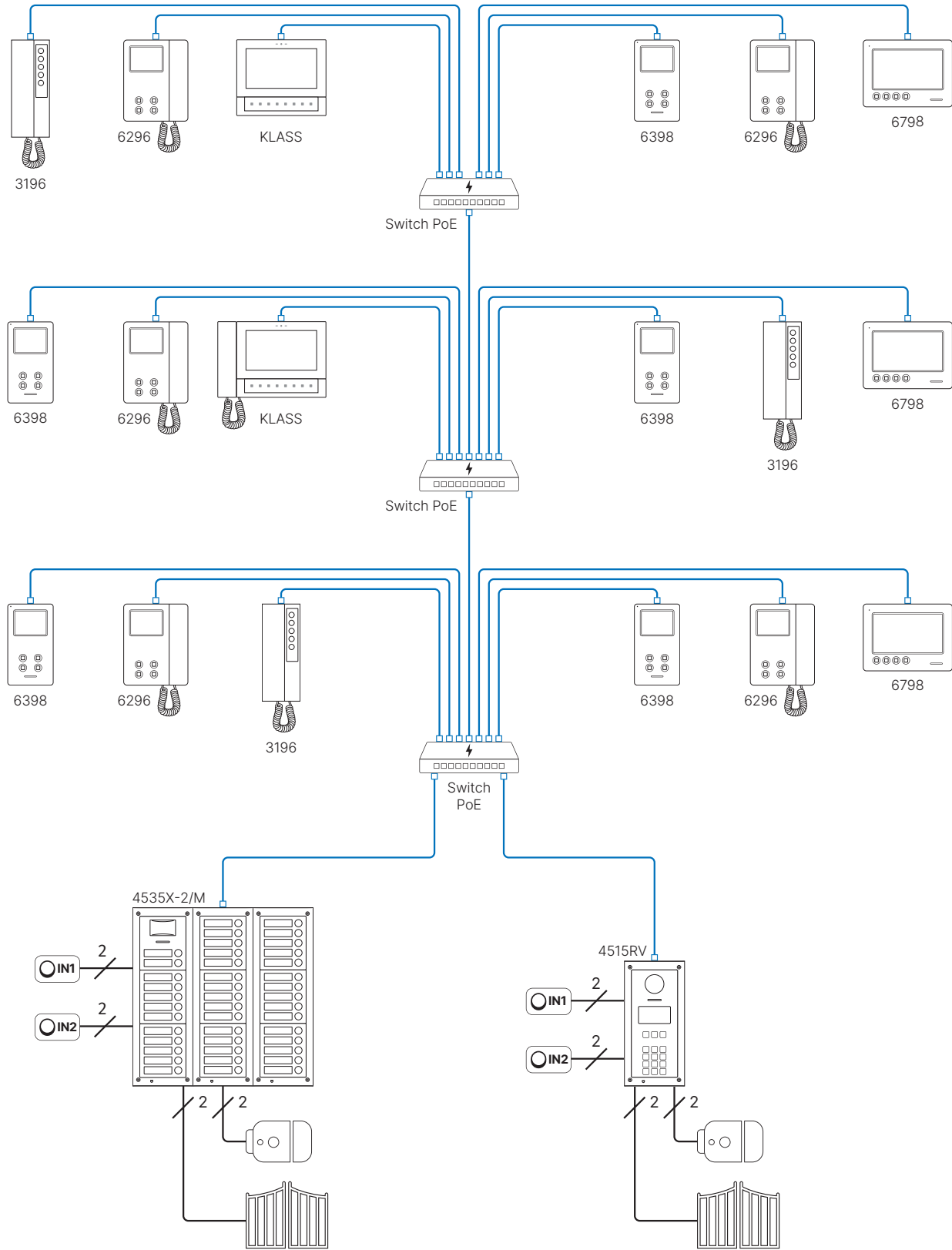
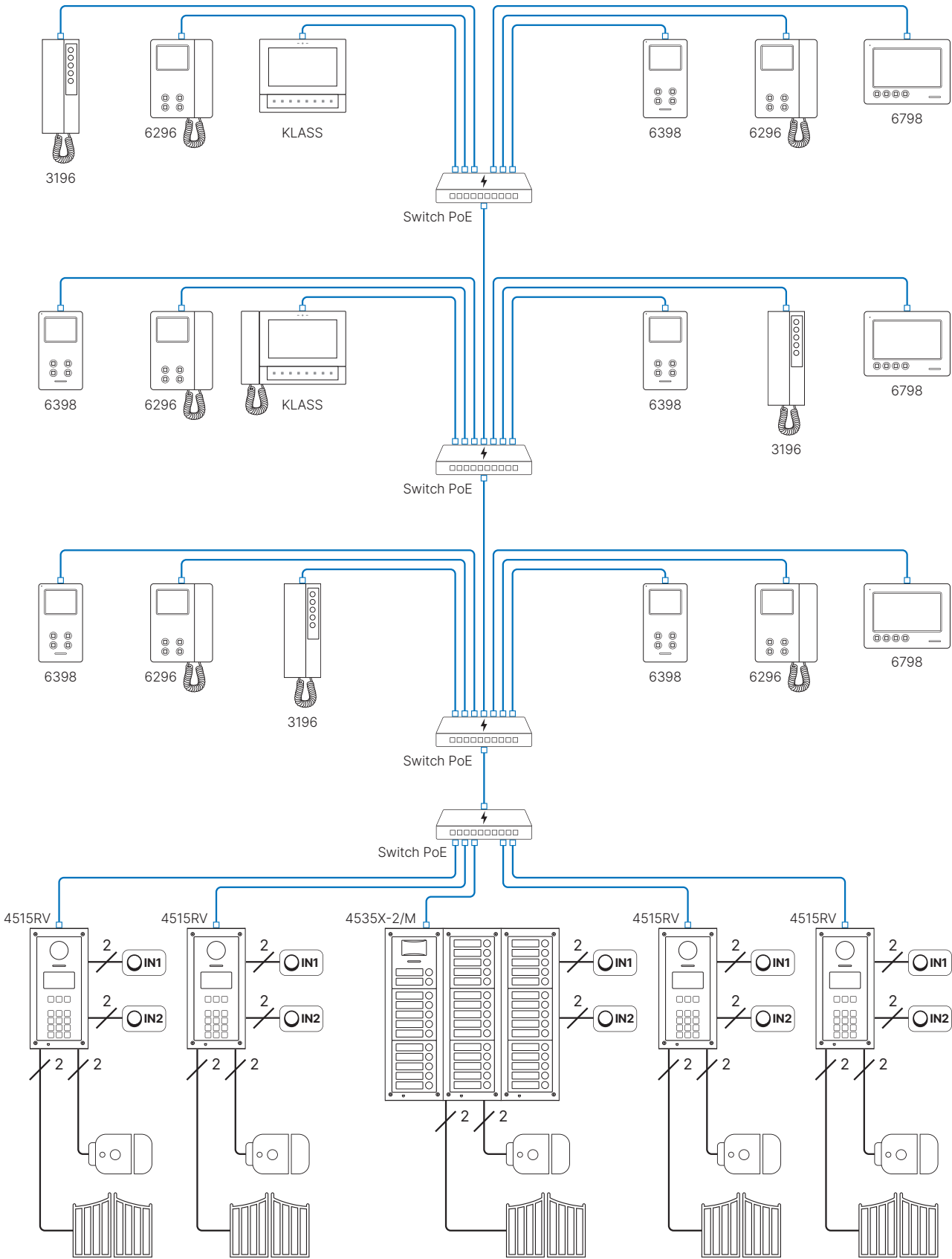
439

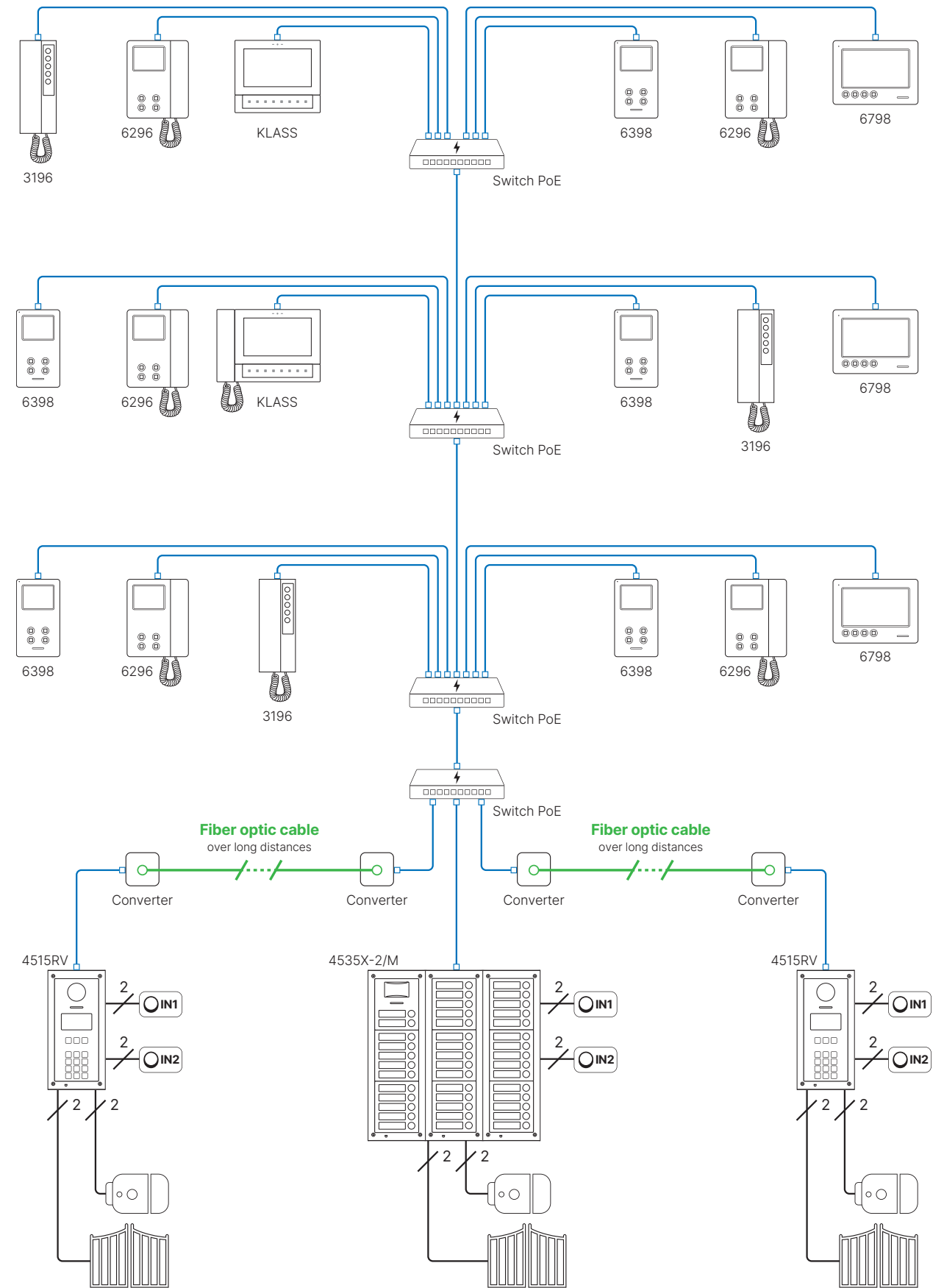
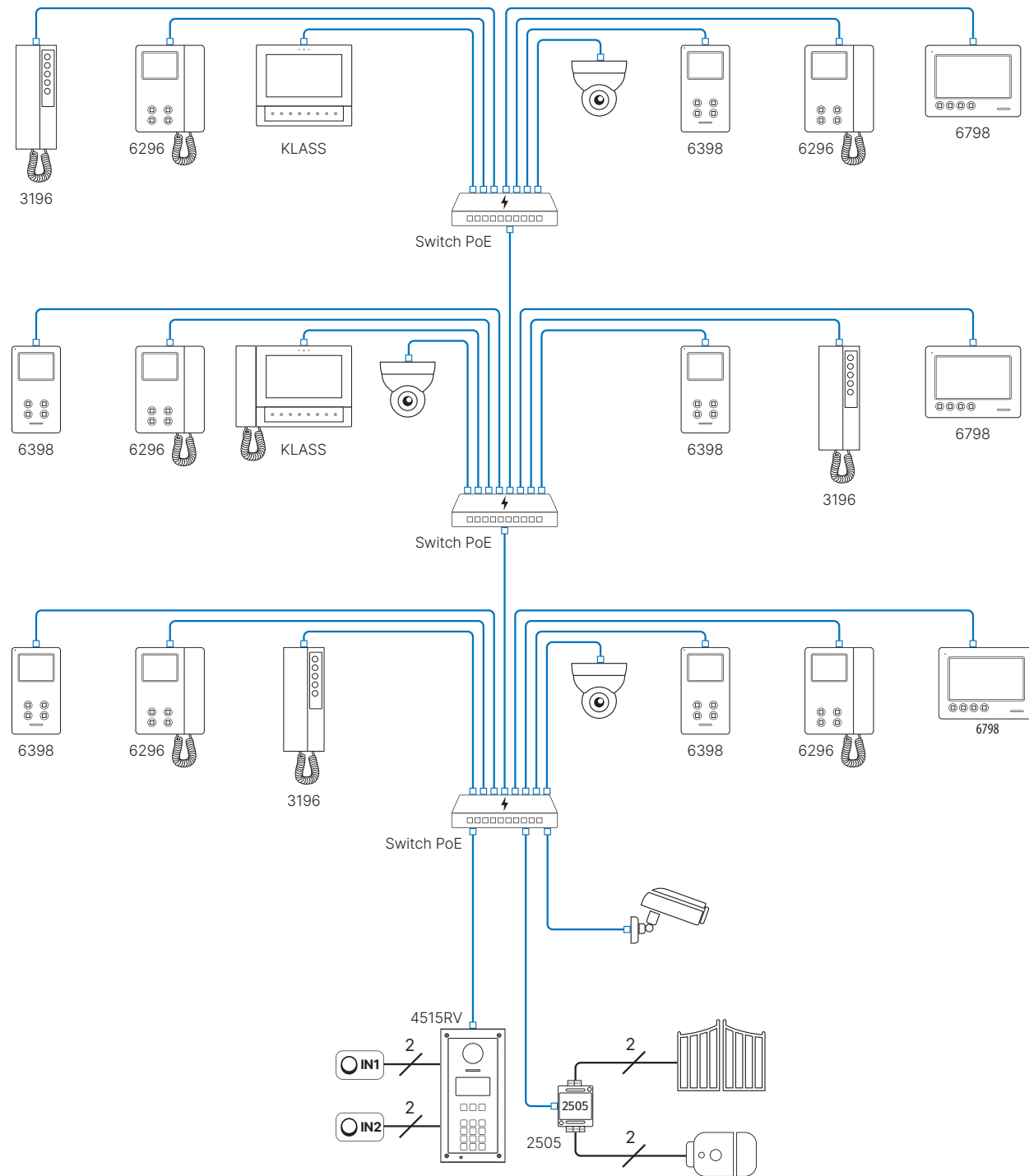
Push-buttons Interface

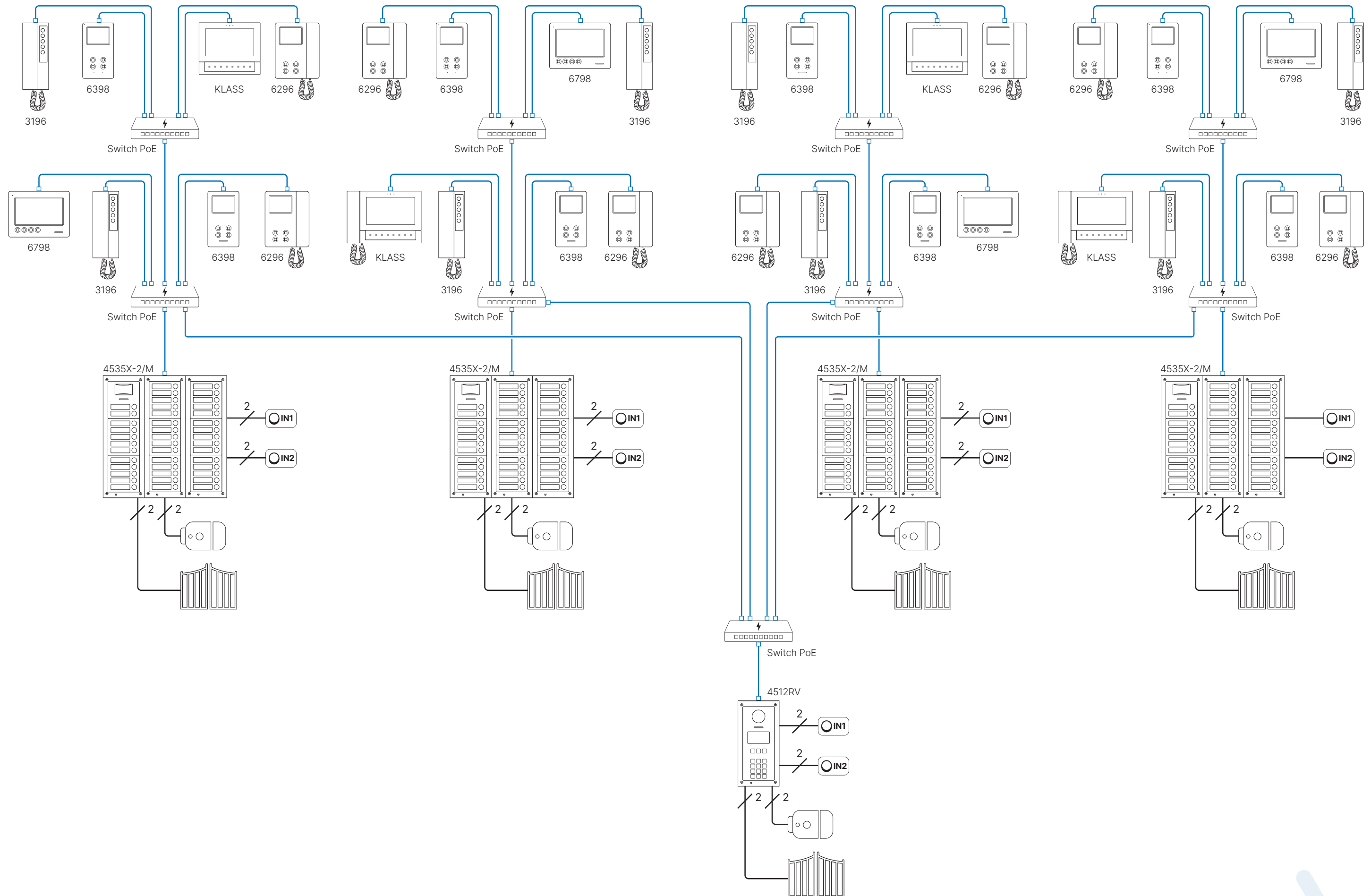
4000 Series push-button interface for audio/video modules and push-buttons, common to all systems.

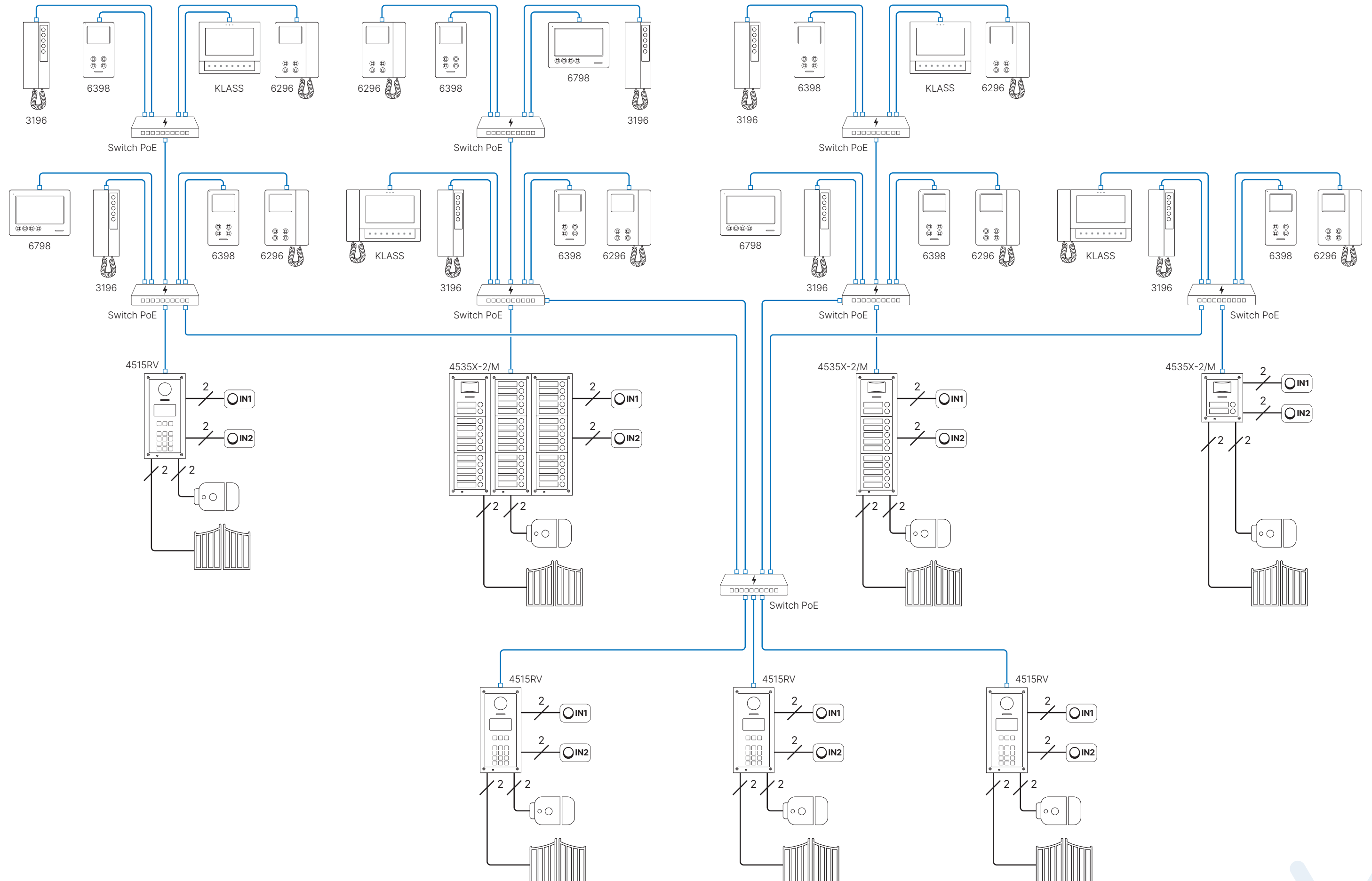
Block diagram examples





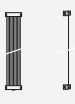






IPure Video Systems

Parts list table

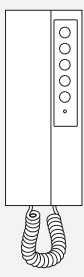
Users								
	4535X-0/M	4535X-1/M	4535X-2/M		4043/M	4044/M	4045/M	
1		1						-
2			1					-
3	1				1			-
4	1					1		-
5	1						1	-
6		1					1	-
7			1				1	-
8	1				1		1	-
9	1					1	1	-
10	1						2	-
11		1					2	-
12			1				2	-
13-17			1				3	1
18-22			1	1			4	1
23-27			1				5	1
28-32			1	2			6	2
33-37			1	1			7	2
38-42			1				8	2

4851	4852	4853	6296	6398	6798	Klass
Flush kit			3.5" handset monitor	3.5" hands-free monitor	7" hands-free monitor	7" hands-free monitor
1			1	1	1	1
1			2	2	2	2
	1		3	3	3	3
	1		4	4	4	4
	1		5	5	5	5
	1		6	6	6	6
	1		7	7	7	7
		1	8	8	8	8
		1	9	9	9	9
		1	10	10	10	10
		1	11	11	11	11
		1	12	12	12	12
	2		13-17	13-17	13-17	13-17
		2	18-22	18-22	18-22	18-22
		2	23-27	23-27	23-27	23-27
		3	28-32	28-32	28-32	28-32
		3	33-37	33-37	33-37	33-37
		3	38-42	38-42	38-42	38-42

IPure Audio Systems

Parts list table

Users							
	4505X-0/M	4505X-1/M	4505X-2/M	4840/M · 4846/M	4043/M	4044/M	4045/M
Audio modules				Dummy / info modules	Push-button modules		
1		1					
2			1				
3	1				1		
4	1					1	
5	1						1
6		1					1
7			1				1
8	1				1		1
9	1					1	1
10	1						2
11		1					2
12			1				2
13-17			1				3
18-22			1	1			4
23-27			1				5
28-32			1	2			6
33-37			1	1			7
38-42			1				8

				
CFL45	4851	4852	4853	3196
Ribbon cable	Flush kit			Hands-free intercom
-	1			1
-	1			2
-		1		3
-		1		4
-		1		5
-		1		6
-		1		7
-			1	8
-			1	9
-			1	10
-			1	11
-			1	12
1		2		13-17
1			2	18-22
1			2	23-27
2			3	28-32
2			3	33-37
2			3	38-42

El Futuro Property, Hong Kong

Videx for El Futuro Property, Hong Kong

El Futuro is an innovative residential centre in Hong Kong, characterised by extremely modern, high-end architecture.

The complex consists of two grand towers that enclose 266 luxurious apartments, finished with refined, prestigious features.

The project has an elegant, sophisticated identity that is also evident in the design. In fact, it was essential to equip the complex with a **cutting-edge video intercom system to ensure that residents would have all the latest services and maximum comfort, with reliability over time.**

All the luxury apartments at El Futuro Property are completed with the exclusive IPure video intercom system, the first to guarantee unlimited integration and cutting-edge functionality,

combined with the prestige of Made in Italy products.

A common infrastructure has been built for this project and the IPure system has been integrated with third-party CCTV and VoIP systems.

Residents thus have the possibility of **maximising the security of environments thanks to the supervision feature of the condominium video surveillance system**, and can take advantage of all the conveniences of the **VoIP concierge switchboard.**

IPure was the perfect choice for this project because it can offer the user a superior experience in line with the high standards of the El Futuro complex.





Kulås Hage Sarpsborg, Norvegia

The Videx IPure system for the exclusive and elegant Kulås Hage complex in Sarpsborg, Norway

Kulås Hage is a very special residential project, characterised by spaces designed for superior living comfort, where the focus is on cutting-edge architecture for the construction of a sustainable building.

The common areas are central to the concept, from the finely furnished rooms to the orange grove available to residents, and are all characterised by the need to provide condominium residents with a series of premium services that only the IPure system can guarantee.

The 93 luxurious apartments combine quality materials and modern finishes that create an impeccable aesthetic result, and are **fitted the most advanced technology thanks to the installation of Videx equipment.**

For this prestigious project, the 4000 series digital push-button panel and the 6200 series video intercoms with IPure technology have been installed, the system that defines a new trend for video intercoms of the future.



Glossary

GPON (Gigabit-Capable Passive Optical Network)

GPON is part of a set of PON standards, which differ according to the maximum overall speed reached within each optical shaft: in the case of GPON the maximum speed is about 2.5 Gbps in download and 1.25 Gbps in upload, shared with a predetermined number of users. The GPON optical network is passive, that is, between the two ends of the network (central network and homes) there are no points that require power supply.

PON Multi-service system

Means a passive physical infrastructure, inside the building and consisting of high-speed communication systems up to the network terminals.

CSOE (Building Optical Service Centre)

The CSOE is a modular box generally installed in the lower part of the building and houses special modules in which the joining of the fibres directed to each apartment takes place and which transport the signals originating from the terminal, from the ROE (Building Optical Distribution Box) and from other multimedia services. It is connected to the real estate units through the fibre optic cables directed to the STOA, ensuring the unique identification of connections intended for them and allowing for interconnection with the technical compartment placed at the top of the building that houses the terminal. The CSOE also houses the optical connectivity of the different broadband operators originating from the ROE.

ROE (Building Optical Distribution Box)

The ROE, otherwise known as the PTE (Building Termination Point), is the point of separation between the operators' distribution network and the user's network (condominium network).

OLT (Optical Line Terminal)

The OLT is an optical line terminal used to connect fibre optic trunk lines, it is a device at the input of the external network and at the input of the internal network and functions as a switch or router in a traditional communication network. The main function of the OLT is to control the flow of information through the ODN, going in both directions.

STOA (Apartment Optical Termination Box)

STOA is the interconnection point between the building's wired network and the apartment itself. It is installed inside each housing unit and creates the arrival point of the fibre optic signals, coming from the CSOE and the starting point of the fibre optic network inside the house. STOA is therefore the point through which the user physically connects to the multi-service optical infrastructure.

HTTP Protocol (HyperText Transfer Protocol)

In telecommunications and IT, it is an application-level protocol used as the main system for transmitting information on the Web or in a typical client-server architecture.

SIP Protocol (Session Initiation Protocol)

In telecommunications, SIP means application layer control network protocol used to create, edit, and terminate sessions between one or more participants, these sessions include Internet telephone calls (VoIP), multimedia distributions, and video conferencing. SIP is commonly used to establish or terminate video or voice calls and allows for changing the characteristics of ongoing calls such as IP address and port, invite additional participants and add or delete media streams.

RTSP Protocol (Real Time Streaming Protocol)

It is a network protocol used in computer communication and entertainment systems aimed at controlling servers for multimedia streaming, used to establish and manage streaming sessions between servers and clients. Clients send commands to the media server similar to a video recorder, such as play or pause, so as to control the playback of audio/video files distributed by the server in real time.

ONVIF (Open Network Video Interface Forum)

ONVIF is a global open standard for the interface of IP video surveillance products. It defines a common protocol that allows security devices from different manufacturers (cameras, NVRs, management software) to communicate with each other regardless of brand, ensuring interoperability and simplifying the integration of video surveillance systems.

MIFARE

MIFARE is a family of proximity card and chip technologies developed by NXP Semiconductors, based on the ISO 14443 standard. It uses 13.56 MHz radio frequency communication for contactless applications such as access control, electronic payments, public transport and identification.

NFC (Near Field Communication)

NFC is a short-range wireless communication technology operating at 13.56 MHz. It enables data exchange between compatible devices through simple proximity, and is used for contactless payments, file transfer, Bluetooth pairing and access control.

Alphanumeric list

Code	Description	Page
2505	2in/2out relay module	83
2813	RS-485 BUS remote relay module	83
2815	Wiegand to RS-485 converter	84
3196	3000 intercom with handset	64
3038/IP	Table base for 3196	65
4042D/M	4000 4 button module, two rows	72
4043/M	4000 3 button module	71
4043D/M	4000 6 button module, two rows	72
4044/M	4000 4 button module	71
4044D/M	4000 8 button module, two rows	72
4045/M	4000 5 button module	71
4045D/M	4000 10 button module, two rows	72
439	4000 IDC/push-buttons interface	86
4504SA-1	4000 1 button audio flush plate	69
4505UK-0/NFP	4000 audio module without casing	86
4505X-0/M	4000 0 button audio module	68
4505X-1/M	4000 1 button audio module	68
4505X-2/M	4000 2 button audio module	69
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Terms and Conditions of Sale

1) Definitions

In this document the following words shall have the following meanings:

- a. "Buyer" means the organisation or person who buys Goods;
- b. "Goods" means the items to be supplied to the Buyer by the Seller;

Videx Electronics S.p.A. will be hereafter called "Videx".

2) General Conditions

Any variation to these Terms and Conditions (including any special terms and conditions agreed between the parties) shall be inapplicable unless agreed in writing by Videx.

3) Orders

Any order sent to Videx implies the Buyers acceptance of all the conditions listed into this document. Purchases are finalized when the Buyer receives the order confirmation from Videx. After this confirmation, the order cannot be cancelled unless Videx explicitly agrees in writing.

4) Prices

Price list is to be considered variable as it is subject to variations in production costs which are outside of the control of Videx.

Unless otherwise agreed in writing, prices shall be considered ex-works.

5) Retention of Title

Title to the Goods shall not pass to the Buyer until Videx has been paid in full for the Goods.

6) Returned Goods

Returned Goods will not be authorized unless agreed in writing by Videx. Authorized Goods will be accepted only if intact and in their original packaging. Goods not included in the price lists in force will not be accepted.

7) Liability

- a. Videx will not be held responsible for damages arising from incorrect installations which do not comply with the specifications provided or for installations carried out by third parties, or for works carried out by third parties on behalf of the Buyer;
- b. Videx will make good, by repair or by supply of a replacement, defects which, under proper use, appear in the Goods within a period of 12 months after the Goods been sold and arise solely from faulty design, materials or workmanships; always provided that the defective parts have been acknowledged and so declared by Videx;
- c. Videx does not acknowledge any compensation for direct or indirect damages;
- d. All goods must be returned to Videx at Buyer's own expenses, until such time as these are tested Videx admits no liability for their condition;
- e. Videx admits no liabilities for defective parts caused by wear and tear;
- f. All Goods returned for repair must be accompanied by a note in writing stating the nature of the defect claimed, the date of purchase, the invoice number and should be clearly marked with the returning purchaser's full address;
- g. Any returned Goods claimed to be faulty by the Buyer and consequently tested and found to be working correctly by Videx, will be returned to the Buyer and a cost will be charged accordingly.

8) Payment

Unless agreed in writing by Videx, the following general conditions apply:

- a. Payment Terms and Conditions will be specified on the invoice;
- b. Interest rates as per the banking conditions effective at the time will be charged on top of overdue payments;

9) Governing Law and Jurisdiction

This Agreement shall be governed by and construed in accordance with the laws of the Republic of Italy. All the disputes arising out of or in connection with this Agreement shall be submitted to the exclusive jurisdiction of the Courts of Fermo (Italy).



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