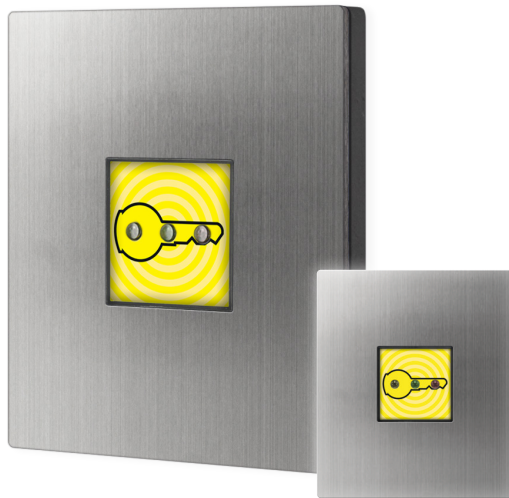


VR4KWS4

VR4K
SERIES

Vandal Resistant 4000 series Multi-Purpose RFID Proximity Reader for the WS4 Web Access System and 3rd Party OSDP proximity Access



Vandal Resistant 4000 series Multi-Purpose RFID proximity reader module

The **VR4KWS4** is a multi-purpose RFID 13.5MHz proximity reader for the **WS4** access control system. The reader can be used with or without encryption with configuration carried out via the micro-USB port.

3rd Party proximity access control compatibility

Compatible with 3rd party proximity access control systems supporting the OSDP protocol via the RS485 bus connections.

Vandal Resistant front fascia

316 grade vertically brushed stainless steel front fascia.

Module protections

IK09 impact protection and **IP55** ingress protection (front fascia). **IP65** ingress protection for the reader fascia.

3 Status indications LEDs

Access granted, access denied & standby status indication LEDs: green, red & amber.

Audible indication tones

Access granted and access denied indication reassurance tones.

Micro-USB input

Built-in micro-USB connection for reader configuration and firmware updates.

Operating frequency & read range

13.5MHz with a read range of up to 4cm.

Multiple proximity card support

Supported proximity cards include: HID iClass CSN, NTAG and Mifare (Classic, Desfire, Plus and Ultralight) ISO14443-A & ISO15693 card formats.

4000 series modular design

Robust modular design compatible with all 4000 series surface and flush back boxes.



IK09



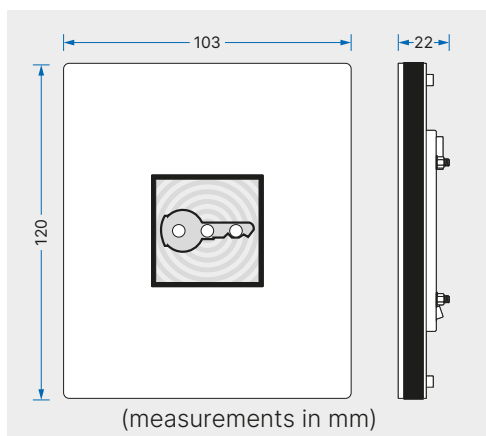
IP55



IP65



THE POWER TO SECURE



Technical characteristics

	VR4KWS4
Description	Vandal Resistant 4000 series multi-purpose RFID proximity reader for the WS4 Web Access System and 3rd party access control systems using OSDP.
Materials	12 gauge (2.5mm thick) 316 marine grade vertically brushed stainless steel.
Module protections	IK09 impact protection, IP55 ingress protection (for the front fascia) and IP65 ingress protection for the reader enclosure.
Operating frequency	13.5Mhz.
Supported proximity card formats	HID iClass CSN, NTAG, Mifare (including: Classic, Desfire, Plus and Ultralight) ISO14443-A and ISO15693 card formats.
Status indication LEDs	3x LEDs: green = accept/access granted, red = access denied and amber = standby.
Sound indicator	Internal buzzer for when access is granted <u>or</u> denied.
Read range	Up to 4cm (depending on fob/card type, form factor and encryption).
WS4 reader setup and configuration	Initial reader configuration is carried out via 2 way dip-switch - SW1 for reader address: OFF = reader ID.0 , ON = reader ID.1 and SW2 for RS485 bus termination: OFF = 120 Ohm bus termination disabled, ON = 120 Ohm bus termination enabled.
Fob/card programming	Programming of the proximity fobs/cards is carried out through the WS4 web browser (accessed via a WS4 controller connected to the internet) <u>or</u> the WS4 Portal (users must register an account and can access the WS4 Portal from any web browser) <u>or</u> by using the mobile WS4 Managers App , when the reader is connected to a WS4 controller. When the reader is connected to a 3rd party controller, programming of the proximity fobs/cards is carried out through the 3rd party controller.
Micro-USB input	Yes, for reader configuration and firmware updates.
Terminal connections	Power input: +12V/GND and RS485 bus: A/B .
Module Size	1 module 4000 series: 103 (W) x 120 (L) x 22 (D) mm.
Working voltage	12Vdc power input (supplied by the WS4 controller or 3rd party controller).
Current rating	30mA at 12Vdc (max.).
Working temperature	-15° ~ +50°C.



Main Office

Unit 4-7 Chillingham Ind. Estate, Chapman Street,
Newcastle Upon Tyne, NE6 2XX

tel: 0370 300 1240

sales@videxuk.com

www.videxuk.com

