

VR4902

VR4K
SERIES

Vandal Resistant 4000 series 1000 code, 2 relay standalone or networkable keypad with blue back-lit buttons



Back-lit buttons

Vandal Resistant 4000 series standalone or networkable codelock module

The **VR4902** codelock module features 12 stainless steel keypad buttons: **1 - 9**, **↵ [ENTER]**, **0** and **✕ [CLEAR]** which are all back-lit blue, but can also be adjusted to illuminate with low intensity, bright or can be disabled if required.

They include 2 status LEDs: green for accept/access granted and red for access denied or programming mode, providing the user with clear indication of when the keypad is in operation or in programming mode.

Vandal Resistant front fascia

316 grade vertically brushed stainless steel front fascia.

Module protections

IK09 impact protection and **IP55** ingress protection ratings.

Back-lit keypad buttons

DDA compliant blue back-lit keypad buttons to assist the partially sighted.

2 volt free relays & up to 1000 codes

2 volt free relays with 1000 programmable access codes that can be set to activate relay RLY1, relay RLY2 or both.

Adjustable relay times

Programmable relay times 001 - 255 seconds or 000 for latching 'toggle' mode.

Push to exit inputs

PTE inputs (switched 0V) for relay RLY1 and relay RLY2.

Back EMF protection

Each relay with back EMF protection.

4000 series modular design

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



BACK LIGHT



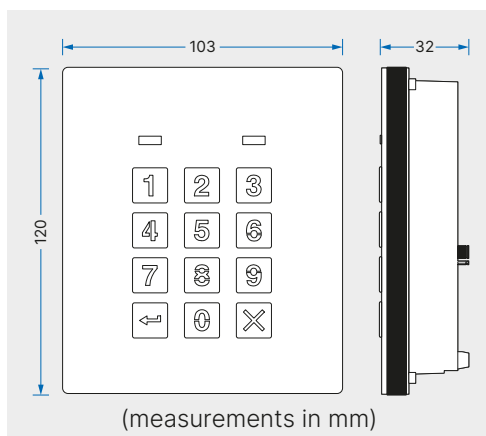
IK09



IP55



THE POWER TO SECURE



Technical characteristics

	VR4902
Description	Vandal Resistant 4000 series standalone or networkable 1000 code, 2 relay code lock module with blue back-lit keypad buttons that can be incorporated with various VIDEX audio/video systems.
Materials	12 gauge (2.5mm thick) 316 marine grade vertically brushed stainless steel.
Module protection	IK09 impact protection and IP55 ingress protection ratings.
Buttons	12 stainless steel keypad buttons: 1 - 9, ← [ENTER], 0 and × [CLEAR] all back-lit blue.
Back light illumination adjustment	Yes: back light jumper JPL for controlling back-lit buttons brightness. 2x JPL programming modes: mode 1, JPL = A position , low brightness in standby then full brightness when any button pressed; mode 1, JPL = B position , back light OFF in standby then full brightness when any button pressed; mode 2, A or B position , full brightness all the time. Jumper JPL removed = back light disabled.
Status LEDs	Yes: green LED = accept/relay activated, red LED = programming mode/access denied.
Operating modes	Standalone mode, network mode (for use with 1052 controller) and 2813 remote relay mode.
Programming	In standalone mode programming carried out directly via the keypad. In network mode programming carried out using VNET LITE PC software (via micro USB or RS485 bus).
No. of relays, relay voltage and current	2 relays: RLY1 = C1/NO1/NC1 and RLY2 = C2/NO2/NC2. Each relay 24Vac/dc at 3A.
No. of codes and code length	1000 codes, where each code can be set to activate RLY1 , RLY2 or both relays. Each code between 4 - 8 digits in length.
Back EMF protection	Yes: Selectable MOV jumpers to enable/disable back EMF protection, one for each relay.
Relay times	Relay times 001 - 255 seconds <u>or</u> 000 for latching 'toggle' mode.
PTE inputs	Yes: 2x switched 0V inputs (push-to-make), SW1 (RLY1) and SW2 (RLY2) .
Other inputs	Micro-USB input for programming using VNET LITE PC software and RS485 bus (A/B terminals) for programming using VNET LITE PC software and for networking with other VR4902 code locks using 1052 controller.
Unit ID setup	Unit ID setup ID.01 - ID.64 via the keypad (for network and 2813 remote relay modes).
Module Size	1 module 4000 series: 103 (W) x 120 (L) x 32 (D) mm.
Working voltage	12Vac/dc <u>or</u> 24Vac/dc power input.
Current rating	Standby: 20mA (standby), 70mA (max.).
Working temperature	-20°/+60°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

