VR4KPAD

VR4K SERIES

Vandal Resistant 4000 series keypad with back-lit buttons and Wiegand output for the Portal Plus access control system

Portal Plus

Back-lit buttons

Vandal Resistant 4000 series multi-protocol keypad module

The **VR4KPAD** codelock module features 12 metallic style keypad buttons: **1 - 9**, **A**, **0** and **B** where each digit is back-lit blue, however can be disabled if required.

It includes 3 status/programming LEDs: green for accept/access granted, red for access denied and amber for 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 (front fascia). **IP40** ingress protection for the keypad.

Back-lit keypad buttons

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

Audible and visual feedback

Reassurance tones and status indication LEDs (green, red and amber).

Multi-protocol keypad

Compatible protocols: Wiegand 26, 30, 34 & 40 bit, Clock/Data or Codix.

Tamper protection

Anti-tamper inputs.

4000 series modular design

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

BACK LIGHT | IK09 | IP55 | IP40

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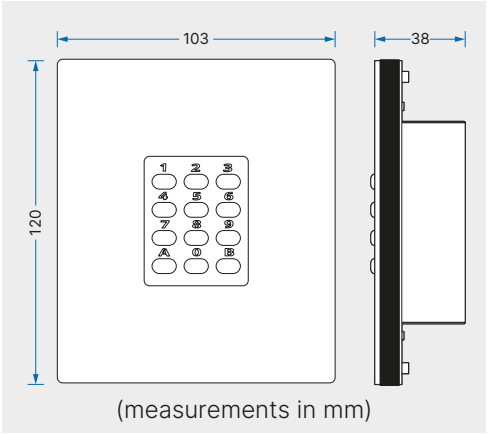

(measurements in mm)

VR4KPAD

Technical characteristics

	VR4KPAD
Description	Vandal Resistant 4000 series multi-protocol keypad module with blue back-lit keypad buttons that can be integrated with the **Portal Plus** access control system.
Materials	12 gauge (2.5mm thick) 316 marine grade vertically brushed stainless steel.
Module protections	**IK09** impact protection, **IP55** ingress protection and **IP40** ingress protection (keypad).
Keypad buttons	12 metallic style keypad buttons: **1 - 9**, **A**, **0** and **B** all back-lit blue. When the keypad is active the **green LED** will illuminate digit **1** (accept/access granted), the **red LED** will illuminate digit **2** (access denied) and the **amber LED** will illuminate digit **3** (programming mode).
Back light adjustment and reassurance tones	Yes: the blue back light can be enabled (default) **or** disabled, the audible tones can be enabled (default) **or** disabled when in programming mode.
Status LEDs	Yes: **green LED** (behind digit **1**) = accept/access granted, **red LED** (behind digit **2**) = access denied and **amber LED** (behind digit **3**) = programming mode.
Operating protocols	Wiegand: 26bit (default), 30bit, 34bit and 40bit, Clock/Data and Codix protocols.
Configuration and programming	Initial keypad configuration is carried out directly via the keypad in programming mode: master code change, output protocol selection (including Wiegand selection), back light **ON/OFF**, audible reassurance tones **ON/OFF**, master/slave selection, access code length and site code length. Additional programming is carried out via the **PROS CS (Portal Plus)** software when the keypad is connected to an **EWS/EWSi** controller.
Access code length	Access codes can be between 1 - 8 digits in length (default = 4 digit length).
Anti-tamper inputs	Yes.
Module Size	1 module 4000 series: 103 (W) x 120 (L) x 38 (D) mm.
Working voltage	12Vdc power input (powered directly from the **EWS/EWSi** controller).
Current rating	70mA (max.).
Working temperature	-20° ~ +50°C.

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