

VR4KMI

VR4K
SERIES

Vandal Resistant 4000 series Offline Mifare MiAccess Proximity Reader

MiAccess



Vandal Resistant 4000 series offline Mifare proximity reader module

The **VR4KMI** is a standalone Mifare 13.56MHz proximity reader for the **MiAccess** access control system.

Offline MiAccess proximity access

The reader can be configured via the micro-USB port or via card configuration. Issuing user cards is carried out using the **PROA-MS** software with the help of the desktop **PROX-USB** card reader. Collection of past events can also be carried out via the micro-USB port or by using a specifically configured 'event collect card'.

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

13.56MHz with a read range of up to 6cm.

Mifare proximity fob & card support

Supported proximity fobs & cards include: Mifare Classic 1K fobs [PBXB-1E-MS50 (blue), PBXBK-1E-MS50 (black), PBXG-1E-MS50 (green), PBXR-1E-MS50 (red)], Mifare Classic 1K ISO cards PBX-2-MS50 and Mifare Classic 4K ISO cards PBX-2-MS70.

4000 series modular design

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



IK09



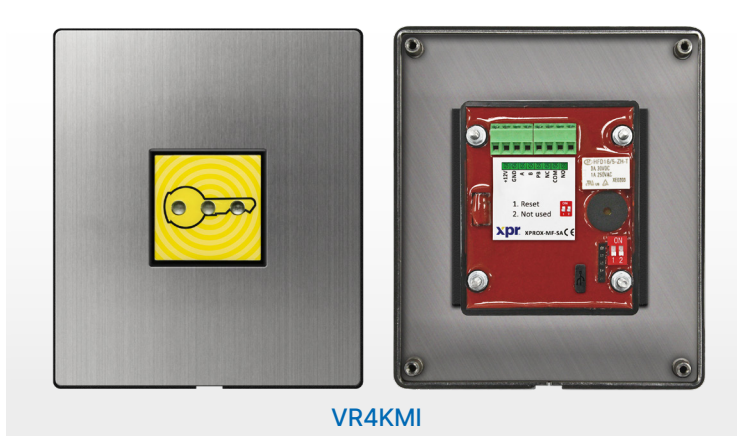
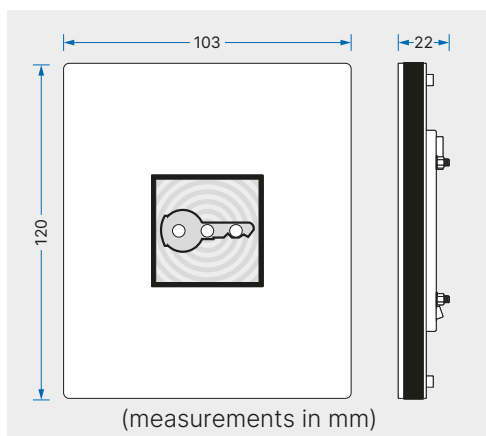
IP55



IP65



THE POWER TO SECURE



Technical characteristics

	VR4KMI
Description	Vandal Resistant 4000 series offline standalone Mifare proximity reader for the MiAccess system.
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 (resin potted electronics).
Operating frequency	13.56Mhz.
Supported proximity card formats	Mifare Classic 1K fobs, Mifare Classic 1K ISO cards and Mifare Classic 4K ISO cards. PBXB-1E-MS50 (blue, 1K memory), PBXBK-1E-MS50 (black, 1K memory), PBXG-1E-MS50 (green, 1K memory), PBXR-1E-MS50 (red, 1K memory), PBX-2-MS50 (white ISO card, 1K memory) and PBX-2-MS70 (white ISO card, 4K memory).
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 6cm.
Reader configuration	Reader configuration via PC software: PROA-MS .
Fob/card programming	Initial programming of the proximity fobs/cards is carried out through the MiAccess PROA-MS software (via the micro-USB input when the reader is connected to a PC).
Relay time	Programmable relay time: 1 - 255 seconds <u>or</u> 0 for ON/OFF toggle mode.
User capacity, events & black list fobs/cards	Unlimited user capacity with up to 3500 events logged and up to 1100 black list fobs/ cards.
Micro-USB input	Yes, for reader configuration/programming and firmware updates.
Terminal connections	Power input: +12V/GND , RS485 bus: A/B , push-to-exit (switched 0V) input: PB , relay contacts: COM/NC/NO (2A @ 24Vac/dc).
Module Size	1 module 4000 series: 103 (W) x 120 (L) x 22 (D) mm.
Working voltage	12Vdc power input.
Current rating	150mA at 12Vdc (max.).
Working temperature	-20° ~ +50°C.

PBXB-1E-MS50



PBXR-1E-MS50



PBXG-1E-MS50



PBXBK-1E-MS50



PBX-2-MS50



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