

4000
SERIES

4849WS4

4000 series WS4 (Mifare) Proximity Reader module for use with the WS4 Web Access System



4849WS4/M

WS4 | 
Web Access Solution

WS4 Proximity Reader

4000 series WS4 Mifare proximity reader module with RS485.

System compatibility

Compatible with Videx's full range of 4000 series audio and video systems.

4000 series modular design

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

Available finishes and versions



4849WS4/S
Mirror stainless steel



4849WS4/BL
Gun metal grey

Fobs and Cards



PBXB-1E-MS50



PBXBK-1E-MS50



PBXG-1E-MS50



PBXR-1E-MS50



PBX-2-MS50



PBX-2-MS70



PROXIMITY



MIFARE



IK07



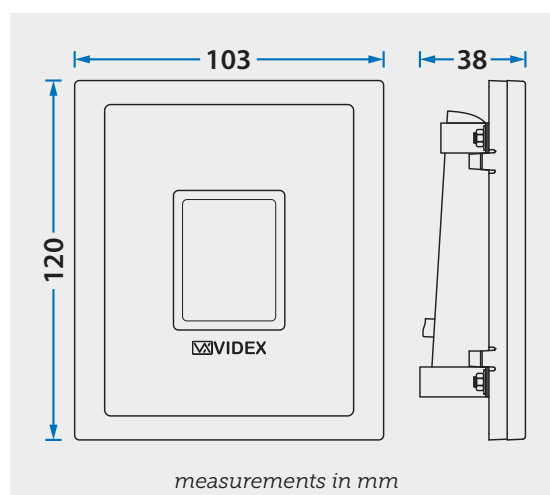
IP65

VIDEX

THE POWER TO SECURE

4000 series WS4 Reader module

- Mifare proximity reader with RS485 compatible with Mifare Classic, Desfire & Ultralight fobs/cards.
- System management and setup via online web software, web portal or via the WS4 mobile apps.
- Compatible with the full range of 4000 series surface and flush back boxes.
- Impact Protection rating **IK07** and ingress protection rating **IP65** (internal resin potted reader electronics).
- Front fascia options: matt 316 brushed stainless steel marine grade (**/M**), mirror stainless steel finish (**/S**) or gun metal grey finish (**/BL**).
- Power input 9 - 14Vdc (via WS4 control cabinet).



Technical characteristics

Description	Modular 4000 series WS4 (MiFare) RS485 proximity reader module for use with the WS4 access control system.
Front fascia finishes	/M matt 316 stainless steel, /S mirror stainless steel or /BL gun metal grey.
Indication LEDs & reassurance tones	Yes: Tri-colour halo indication LED, amber = standby/data, green = access granted, red = access denied, internal audible buzzer.
Mifare fob & card types	Mifare classic 1K & 4K fobs/cards and Desfire and Ultralight fobs/cards.
Read range & operating frequency	up to 6cm (approx.) read range with an operating frequency 13.56MHz.
Module protection rating	IK07 impact protection and IP65 ingress protection (main reader has sealed resin potted electronics).
Compatible fobs & cards	1K fobs: PBXB-1E-MS50 (blue), PBXBK-1E-MS50 (black), PBXG-1E-MS50 (green), PBXR-1E-MS50 (red), 1K card: PBX-2-MS50 , 4K card: PBX-2-MS70 .
Cable colour & terminal connections	Pre-wired 4 core cable 0.5m (approx.), red = +pos (+12V), black = 0V (GND), pink = RS485 (A) and violet = RS485 (B).
RS485 BUS	RS485: see wire connections above, for reader configuration & setup and also BUS connection to WS4 controller.
Compatible WS4 controllers	Web access control cabinets: WS4CU1 , WS4CU1/4G (1 door cabinet), WS4CU2 , WS4CU2/4G (2 door cabinet) and WS4CU4 , WS4CU4/4G (4 door cabinet).
Programming & system (reader) management	Programming configuration & setup is carried out via the RS485 BUS connection to the WS4 control cabinet and using the WS4 Web Access software. Remote connection to the software is achieved using a standard web browser where the system can be accessed and managed from anywhere in the world with an internet connection. System management can also be carried out using the WS4 Portal remote online service or either of the WS4 mobile apps - the WS4 App (for administrators) and the WS4 Access App (for users), both of which are available to download from Google Play and the App Store for Android and iOS devices respectively.
Tamper feature	Yes: tamper feature managed via WS4 controller using the WS4 management software, Portal or App.
Module Size	1 module 4000 series: 103 (W) x 120 (L) x 38 (D) mm.
System compatibility	Compatible with 4000 series surface and flush back boxes. For use on all of Videx's extensive range of 4000 series systems, both audio and video.
Working voltage	9 - 14Vdc supplied directly from WS4 controller (see cabinets above).
Power consumption	During operation: 130mA (max.).
Working temperature	-20°/+50°C.

VIDEX SECURITY LTD.

Main UK Office

1 Osprey, Trinity Park, Trinity Way,
London, E4 8TD
tel: 0370 300 1240

www.videxuk.com

Northern UK Office

Unit 4-7 Chillingham Ind. Estate, Chapman Street,
Newcastle Upon Tyne, NE6 2XX
tel: 0370 300 1240

sales@videxuk.com

