

XS-MF-W

13.5 MHz RFID READER

XS-MF-W / XS-MF-W-X is compatible with the PROS CS client server software and EWS controllers.

They can read 13.56 MHz credentials and communicate with standard Wiegand protocol.

Identifiers, communication protocol and firmware updates can be configured using our PROS CS software via the micro-USB input on the back of the reader or with a programming card (requires PROX-USB-X).

This option offers full flexibility and scalable functionality. Fobs/Card and readers encryption is possible thanks to the MIFARE® DESFire® technology.



FEATURES

- Mounting: Surface mount
- Housing: ABS
- Internal buzzer: With adjustable intensity using software
- Reading range: Up to 6 cm, depending on the tag type and size
- Operating frequency: 13.56 MHz
- Tamper protection: When opened or dismantled
- Wiring: Terminal block
- Operating voltage: 9 - 15 V DC
- Current Consumption: Up to 170 mA

ENVIRONMENTAL FEATURES

- Environmental rating: Indoor/Outdoor IP 65 (resin potted)
- Operating temperature: -30°C to +65°C
- Operating humidity: 5% to 95% RH (non-condensing)

NOTE:

XS-MF-W-X is coming with the **Xsecure** configuration by default.

CONNECTIVITY



Micro USB: For configuration and firmware update

Wire terminals

- Power
- Wiegand D0, D1
- LED, Buzzer control
- Tamper

LED



Green
Backlight
Access granted



Orange
Backlight
Idle mode

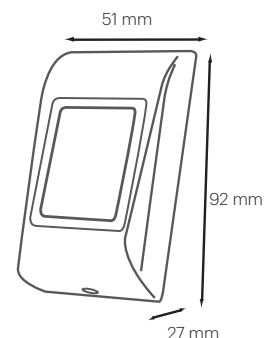


Red
Backlight
Access denied

DIMENSIONS & WEIGHT



~0.15 kg



CLIENT PROS CS SERVER

PROS CS is client server software for the Network Access Control System that enables multiple clients to connect to a system either locally or from anywhere on the Internet.

Ideal to control an unlimited number of doors, users, access levels and floors in any business, office or building.

It is also compatible with different video surveillance systems, allowing you to control what is occurring in real time in each area selected.

ACCESSORIES



MT-SPACER

Surface mount spacer. With knock-outs on each side and fitting perfectly to the housing back-plate, it is the ideal accessories to wire the reader easily if there is not a lot of room for connecting the reader during the installation.



PROX-USB-X

RFID USB desktop device. RFID configurable R/W reader with keyboard emulation (Windows, MAC, Linux). It reads Mifare classic, Mifare DESfire, EM 125 kHz, HID 125 kHz, NFC, ISO 15693, HID iCLASS and Xsecure cards.



Mifare Fobs & Cards

Different contactless fobs and cards:

- Mifare available with 1 KB and 4 KB memory.
- Mifare DESfire EV3 available with 2 K memory.
- Xsecure® Mifare DESfire EV3 available with 2 K memory.

Available in different types of support: ISO cards and ABS key fobs.



MC-MINI

This stainless steel cover is not compulsory for external use but recommended if you wish to protect the reader further against harsher weather conditions, UVA and dust. The reader being less exposed if this cover used, it offers also a significant level of vandal resistance if needed.



USP

Fitting plate compatible with US surface/flush mount electrical gang boxes. Also ideal for retrofit to cover pre or old installation (small wall damages, chips, paint work, etc.). Supplied in the same colour as the readers used for a blending aesthetic design.

Xsecure®

The **Xsecure** solution is based on the concept of writing the identifier as **data on pre-coded MIFARE® DESFire® EV3 13.56 MHz cards**.

Xsecure enables each card access key to be **distinct and unique**, produced through **an irreversible diversification process**. As a result, the data on **the card is encrypted and sealed** again, with an error checking against spoofing.

Only the reader and the production card encoding system are aware of this operation.

XPR encodes the cards and validates the identifiers issued **to avoid duplication**.