

➤ RADIO Range

RADIO RECEIVER & TRANSMITTERS

The TX transmitters family has a high signal range of up to 100 meters in the open space. It provides maximum comfort and reliability thanks to its APS and security code-changing systems.

The RX4W radio receiver has a multi-protocol interface. It codifies the transmitter signal into four different protocols, depending on the configuration: C4+, Clock&Data, Wiegand 26 and Wiegand 42.

FEATURES

- Mounting: Surface
- Housing: ABS
- Technology: Radio
- Frequency: 868 MHz multi-protocol
- Communication: C4+, Clock&Data, Wiegand 26 and Wiegand 42
- Configuration: Mono-channel and pluri-channel
- Built-in antenna: Yes
- Interface: Wiegand 26 & 42 bits
- Rolling code: Yes, managed by controller
- Reading type: Radio
- Entry for magnetic loop: Yes
- Power supply: 12 V DC
- Current consumption: max. 40 mA
- Wiring: Terminals
- Compatibility: XPR EWS and web server controllers
- Compatible transmitters: TX2W & TX4W

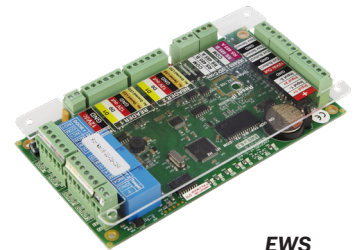
ENVIRONMENTAL FEATURES

- Operating temperature: +5°C to +40°C
- Operating humidity: 5% - 95% RH (non-condensing)
- IP rating: IP54 (IP65 with gland)



RX4W
Radio receiver

TX2W & TX4W
Radio transmitters



EWS
Wiegand controller

RADIO RANGE CHARACTERISTICS

- It allows to use XPR 868 MHz transmitters with our EWS and webserver controllers.
- Easiness: it simplifies the installer work drastically and reduces technical interventions and wiring work to the minimum.

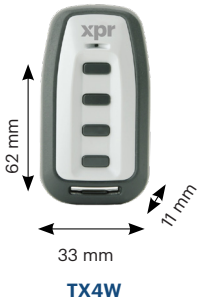
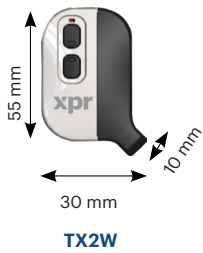
APPLICATIONS

Suitable for the following door types:
roller doors · swing · sliding doors · sectional gates · high-speed slippery doors · glass · entry barriers · revolving doors

DIMENSIONS



TX TRANSMITTERS SPECIFICATIONS



	TX2W	TX4W
868 MHz transmitters	2 channels	4 channels
Power supply	3 V DC battery (CR2032 type)	
Battery life	+/- 2 years	
Visual LED indicator for signal transmission and low battery warning	Yes	Yes
High-security rolling code	Yes	Yes
Combinations	19 trillions	
Operating temperature	-20°C to + 55°C	
Dimensions	55 x 30 x 10 mm	62 x 33 x 11 mm

RADIO RANGE ADVANTAGES

High security

- High-end rolling code system, with more encrypted bits.

Easy and quick programming and installation

- Easy installation, reducing technical interventions and wiring work to the minimum.
- Transmitters programming is done by EWS and web server controllers software.

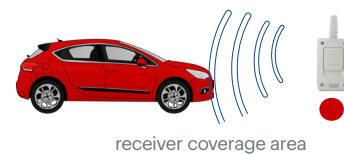
High reliability and speed of response to customer's command

- Thanks to the Approaching System (APS), it is possible to activate the transmitter signal even before it reaches the coverage area of the receiver. The user only has to press a button once and the transmitter starts repeating the signal until it reaches the receiver and it opens the door.

1. User activates the transmitter outside the coverage area.



2. Within 15 seconds, they enter the coverage area. The door is still closed.



3. The receiver automatically gets the signal without having to activate the transmitter again, and it opens the door.

