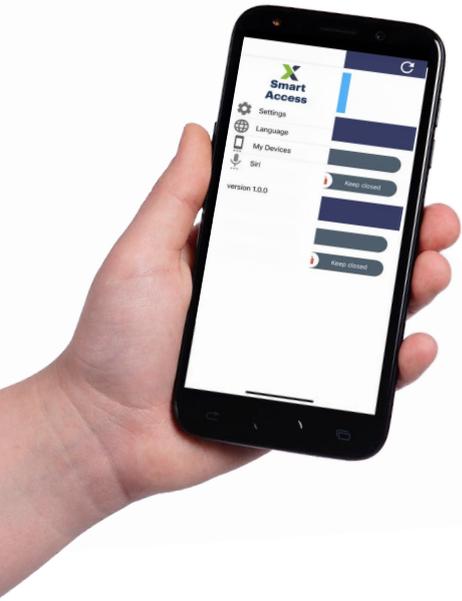




Contactless solutions



Contactless solutions

We now know more than ever the **importance of protecting our health** against the spread of germs, bacteria or viruses. This is even more significant in public places like offices, hospitals, shopping centres, shops, show-rooms and many others where people's traffic can lead to a higher level of hygiene risk.

XPR cares and put forth in a concerted effort in your security and safety, which includes your health status as well as all those around you. This is the reason why we offer access control contactless solutions that reduce usual situations when a user normally needs to be physically in contact with the device. Therefore, these solutions greatly help against the spread of germs on surfaces and protect our health.

This document collects the different XPR contactless solutions that will meet the current sanitary requirements:

Bluetooth technology



Bluetooth®

The new Bluetooth range offers keypad and biometric readers with Bluetooth technology integrated, so you can manage/open/close the access through your smartphone, thanks to our free of charge XPR Apps.

Infrared technology



The MTT-IR is our first infrared request to exit device. It provides contactless features allowing relay activation by hand's waving.

Radio devices



The XPR radio range works with our EWS controller. You can remotely activate the access like car park gates, sliding doors, store rooms with the remote controls and a receiver when you are getting closed to the facilities.

RFID technology



XPR offers a wide range of readers with RFID technology (EM, EM & HID 125 kHz and/or Mifare). The activation is via RFID cards or fobs, so there is no need for contact or touch.

Capacity control



The MT-LCD is a display for T&A codes useful for attendance control when you can limit a number of people in a room therefore help to maintain social distance and take care of both your workers and clients/visitors.



Touchless

The touchless function guarantees hygiene and protection against the spread of germs on surfaces and protect our health.



Accessibility

This kind of system is not only efficient against hygiene risk, but it is also the best solution for day to day challenges of mobility requirements (use of wheelchairs, disabilities, injuries,...).



Security

The touchless or contactless functions of these devices don't compromise the security of the system at all. In fact, most of them can even increase the security level, for example with the Bluetooth encryption.



Comfortable

Not only an hygienic solution but also a very comfortable one, as you don't have to enter any PIN code, use a conventional key or present your fingerprint.

Bluetooth

Standalone Bluetooth readers

Available in silver and black colour



B100P-BT-EH-SA

Bluetooth standalone biometric reader with built-in RFID

Swipe capacitive biometric and RFID reader (EM & HID 125 kHz), all in one. Easy to install, program and use as fitted with BLE wireless technology. The reader comes with a remote relay unit RU1 as standard.

Ref: B100P-BT-EH-SA

- ≤ 4 cm
- 20°C to 50°C
- 0% → 95%
- 12/24 V AC/DC
- 65



MTPADP-BT-EH-SA

Bluetooth Standalone keypad with built-in RFID

Standalone keypad with integrated RFID (EM & HID 125 kHz) technology. Easy to install, program and use as fitted with BLE wireless technology. The reader comes with a remote relay unit RU1 as standard.

Ref: MTPADP-BT-EH-SA

- up to 10 cm
- 20°C /+50°C
- 0% → 95%
- 8-12 VDC
- 0.5 m
- 65



LED indications

New diffused tri-colour status LED design



Access Granted Idle Mode Access Denied

APPS & SOFTWARE



The **XPR Smart Access** app and software (free of charge) for our standalone Bluetooth readers allow to manage the access by opening and closing the doors from a distance (max: 10m). The XPR Smart Access software is available on [our website](#). The Smart Access App is compatible with iOS, Android and OS downloadable from the App Store and Google Play platforms.

Different opening modes:
Swipe, shake, voice and touch.



Download on the App Store

GET IT ON Google Play

Smart credential with the Apple Watch



The **XPR Smart Admin** software and app for our standalone Bluetooth readers are designed for the administrators. It allows the following functions:

- Reader management and updates.
- Manage users configuration and access rights: cards ID, PIN codes and/or fingerprint templates. Also, weekly and hourly access rights.
- Obtain reports after downloading the events from the readers (in PDF or XLS format). They can be filtered by time, type of events, users and readers.



USERS



REPORTS



SCANNING

The XPR Smart Admin software is designed for the administrator. It can be downloaded directly from [our website](#). The app is also compatible with iOS, Android and OS downloadable from the App Store and Google Play platforms.



For further and more complete information about this range, the **XPR Bluetooth catalogue** is now available on our website.

▼ Infrared technology

Infrared push button

The MTT-IR is fitted with infrared technology allowing the relay activation from an adjustable distance by hand waving. The contactless feature reduces usual situations when a user normally needs to be physically in contact with the device therefore greatly helps against the spread of germs on surfaces and protect our health.

MTT-IR

Infrared push button

Available in Black and silver ABS housing, the detection IR field is adjustable allowing set-up to its purpose. The integrated buzzer and status LED are activated by default and could be deactivated if discretion is needed.

Ref: MTT-IR

-  ≤ 6 cm
-  -20°C to 50°C
-  0% → 95%
-  12/24 V AC/DC
-  65



LED indications



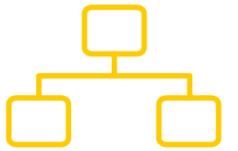
Externally controlled LED in red, green, orange.



▼ Radio

Transmitters and radio receivers

The XPR Radio is, besides a contactless solution, part of **XPR ONLine**, our most complete system.

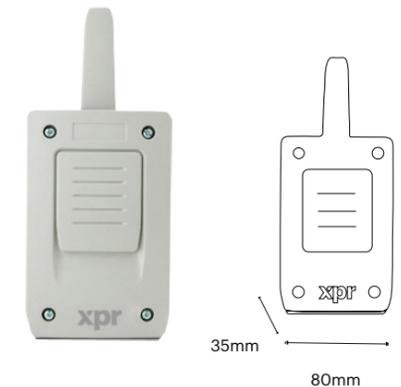


TX Remote controls

868 MHz Transmitters

The TX family has a high signal range of up to 100 meters in the open space and provides APS and security code changing systems. Two possibilities: 2 channels transmitter (TX2W; 55 x 30 x 10mm) and 4 channels transmitter (TX4W; 62 x 33 x 11mm).

Ref: TX2W / TX4W



RX4W

Radio Receiver

This radio receiver has a multi-protocol interface and 4 Wiegand outputs to work with our EWS controller. Used with any of the XPR TX 868 MHz transmitters. Perfect radio solution to active remotely the access control of your parking gate, sliding doors, etc, as you are approaching the facilities.

Ref: RX4W



RFID technology

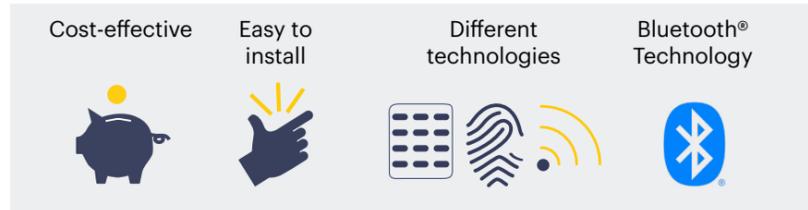
RFID readers

XPR offers a wide range of RFID readers, which each of them belongs to one of our main four XPR systems:



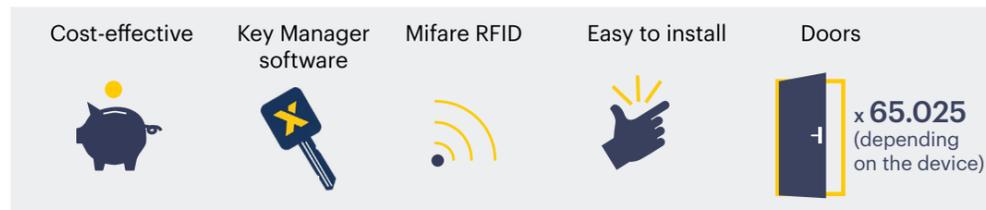
Standalone system

Easy-to-use management for your installations, while also being very easy to set-up and program. It doesn't require any additional controller or wiring. Set up, management and changes are done directly. Our Standalone readers can provide high security or additional relay functions thanks to our remote relay unit range.



OFFLine system

Possibility to manage an access control system with a large number of doors and users, while minimizing wiring and installation time. These solutions are more affordable than ONLine systems because they do not require any controller or ethernet network. They can manage an unlimited number of sites and users thanks to the 2 easy-to-use softwares: PROA MS and KEY MANAGER. The latter being more complete.



Webservice system

Set-up, program, manage and view your access control system via internet through your favourite device (smartphone, tablet or computer). Intuitive web interface and without the need of downloading a management software. You can choose from 1, 2 or 4 door controllers and readers with bidirectional RS-485 bus of different technologies (biometric, RFID, keyboard).



ONLine system

It is our most complete access control system. It can integrate T&A solutions, CCTV, fire, creation of automated scenarios, etc. It is offered together with a Client / Server software, PROS CS, with Access and SQL databases. It brings together a wide range of Wiegand readers with different technologies (biometrics, RFID, keyboard, radio, etc).



DIN Range: RFID readers

Safe, secure and in control of your space. The DIN Range allows you to feel that, with the plus of creating a nice atmosphere wherever you install it, thanks to its elegant style. The DIN Range is available on 3 colours by default: silver, charcoal and white. Three colours that usually go very well with any decor or building design.



ONLine system

DINMTPX-EH

Flush Mount EH RFID Reader

The DINMTPX-EH offers the possibility to select between two reading types: EM (Electro Marin) or HID 125 kHz. It is a multi-protocol reader that needs to be connected to a Host. Wiegand 26, 34, 37, 42, 24, 32, 35, 40 bits.

Ref: DINMTPX-EH

DINMTPX-MF

Flush Mount Mifare Reader

The DINMTPX-MF reads Mifare Classic 1K & 4K, Ultralight and Desfire cards. It is a multi-protocol reader that needs to be connected to a Host. Wiegand 26, 34, 37, 42, 24, 32, 35, 40 bits.

Ref: DINMTPX-MF



Standalone system

DINMTPX-SA

Flush Mount Standalone RFID Reader

The DINMTPX-SA is a standalone RFID reader for up to 4000 users. It reads EM4002 compatible tags and cards. It has a relay (3A) and an internal buzzer.

Ref: DINMTPX-SA

DINMTPX-MF-SA

The Offline Flush Mount Access Reader Solution

The DINMTPX-MF-SA is a Mifare read/write reader. It can support Mifare Classic 1K and 4K memory. It has a memory that can hold 3500 events. It has a relay (2A) and a Micro-USB connection

Ref: DINMTPX-MF-SA



up to 6/7cm



-20°C to 50°C



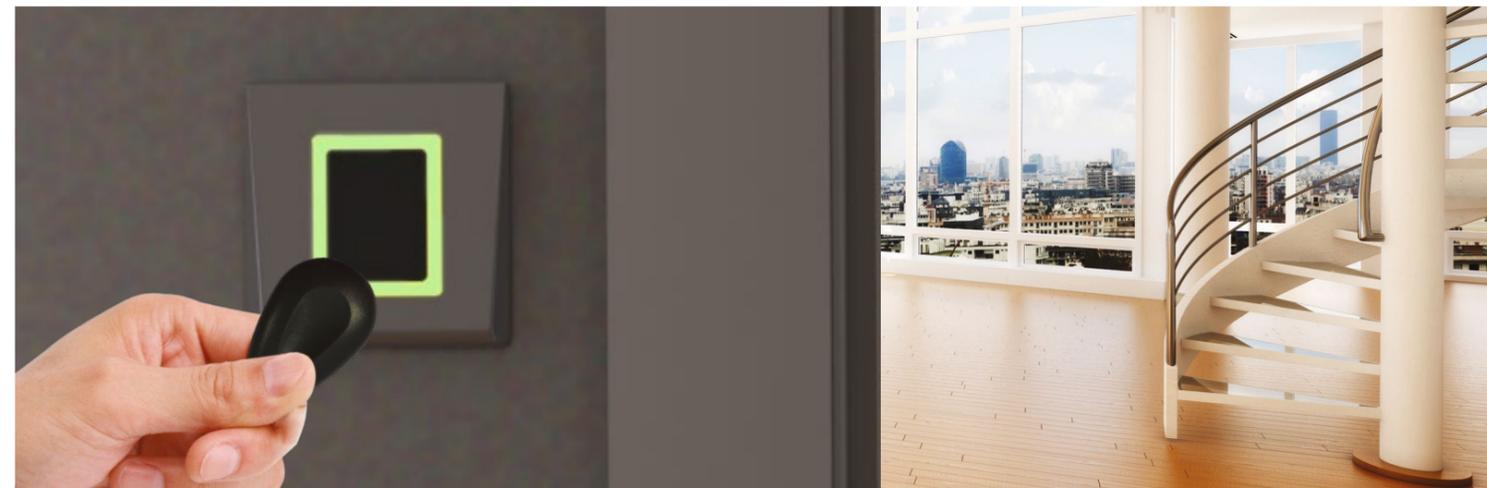
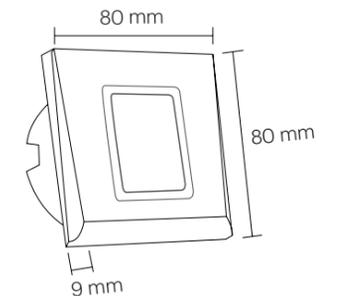
5% → 95%



9/24 V AC/DC

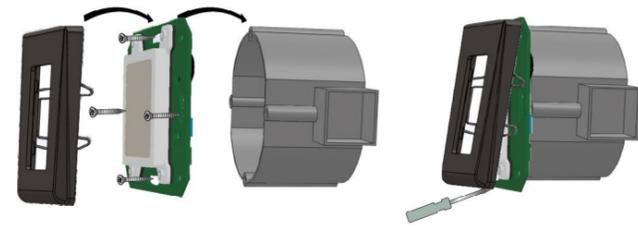


40



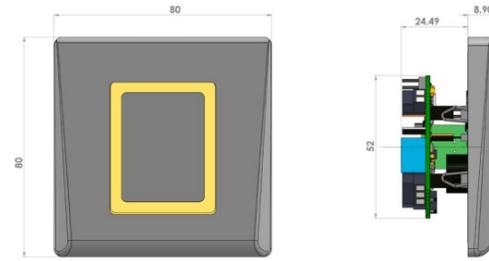
FLUSH MOUNT READER

It cannot be easier to complete any flush mount. Each piece matches perfectly with the next, and they can be installed in any standard electrical gang box. (The mask and the electronics are sold separately.) The mask is available in UK and European standards.



EXTRA THIN

Once installed, the reader will barely rise from the line of the wall, making it easier to find the perfect design harmony with the rest of the elements in the area where it is placed.



Product installed

Transversal cut: Less than 2 cm of grossor above the wall (17.57 mm)



MINI-SA2



Standalone system

MINI-SA2

Economic Standalone EM RFID Reader

MINI-SA2 is a standalone RFID reader in a smart black ABS housing which can read EM4002 compatible tags and cards. It can reach up to 4000 users.

It's ideal for Unique Applications. The RFID access control for small installations or remote locations.

Ref: MINI-SA2

- up to 8 cm
- 20°C / +50°C
- 0% → 95%
- 9-14 VDC
- 0.5 m
- IP 65



MINI Range: RFID readers



ONLine system

MTPX-EH

Elegant EH RFID Reader

MTPX-EH is an elegant, slim and compact RFID reader with polycarbonate front plate and a large rectangular status LED. This reader is available in a silver moulded aluminium housing or in black ABS. The MTPX-EH reads EM4002/4100 and HID 125 kHz compatible cards with a read range up to 5 cm.

Ref: MTPX-EH

MTPX-MF

Elegant Mifare RFID Reader

MTPX-MF is an elegant, slim and compact RFID reader with polycarbonate front plate and a large rectangular status LED. This reader is available in moulded ABS housings in silver or black. Suitable for outdoor use. The MTPX-MF reads Mifare Classic, Ultralight and Desfire cards with a read range of 6 cm.

Ref: MTPX-EH



OFFLine system

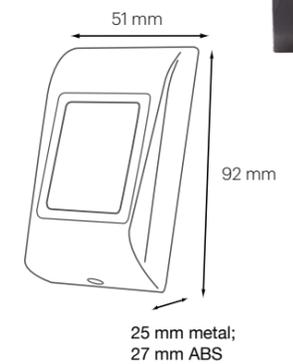
MTPX-MF-SA

OFFLine Mifare RFID reader

The MTPX-MF-SA is a Mifare read/write reader with black or silver ABS housing. It can support Mifare Classic 1K and 4K memory.

Ref: MTPX-MF-SA

-
- 20°C / +50°C
- 0% → 95%
- 0.5 m
- IP 65



Large LED around the sensor for an easy reading of the status



Orange LED Idle Mode Red LED Access Denied Green LED Access Granted





Webserver system

MTPX-RS-EH

EM & HID RFID reader

Elegant and compact 125 kHz RFID reader. The housing, in black or silver ABS, comes with a big rectangular LED. Designed to be installed either outside or inside, it has a RS-485 bus. Its tricolor LED, tamper and buzzer are managed directly by the WS4 controllers. It can read EM or HID 125 kHz cards, depending on the programming selected, with a reading range up to 5cm.

Ref: MTPX-RS-EH

MTPX-RS-MF

Mifare reader

Elegant and compact 13.56 MHz reader. The housing, in black or silver ABS, comes with a big rectangular LED. Designed to be installed either outside or inside, it has a RS-485 bus. Its tricolor LED, tamper and buzzer are managed directly by the WS4 controllers. It can read Mifare Classic, Desfire and Ultralight, with a reading range up to 6cm.

Ref: MTPX-RS-MF

License plate recognition is possible with the **Webserver** and **ONLine** systems.



We offer you a free, user-friendly **WS4 interface** to manage and control your web server system from anywhere in the world via the Internet



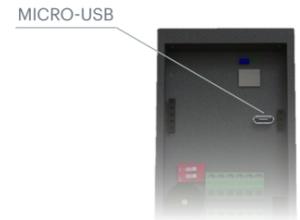
XPR 2.0 RANGE

The XPR 2.0 generation of access control readers, belonging to our ONLine system, has been developed to offer two main advantages:

- **More possibilities with less references.** One reader can combine different communication protocols (Wiegand, RS-485, OSDP) and different technologies (EM, Mifare, Keypad, and soon NFC, Bluetooth, Biometry, etc...).

- **Future proof.** This range can be upgradable to the customer's needs. A reader can be upgraded from Wiegand to OSDP protocol and from CSN to an encrypted RFID.

Credentials, protocol programming and firmware updates can be configured with the help of our XPR Toolbox software and the integrated micro-USB software fitted at the back of the reader. This option provides progressive full flexibility future-proof features.



MTPADP-XPR-2.0

Multi technology Keypad and RFID reader

The MTPADP-XPR-2.0 offers double technology: keypad and RFID reader (EM, HID Prox and Mifare) with Wiegand and OSDP communication protocol. The new 2.0 range readers are available in black and silver ABS.

- ≤ 6 cm
- 20°C to 50°C
- 0% → 95%
- 12/24 V AC/DC
- 65



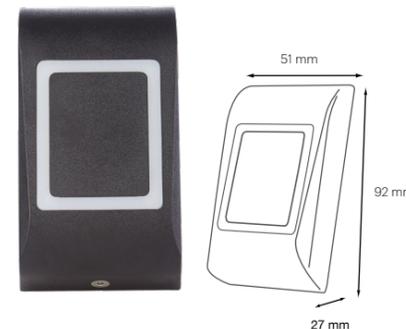
Reference	Type		Functions		Communication Pool		Firmware Upgrades / Programming	
	Backlit Keypad	RFID Reader	125 KHz EM/HID*	13.56 Mhz MIFARE*	Wiegand*	OSDP*	Micro-USB*	RS485
MTPADP-HW	V	V	V	X	V	X	V	X
MTPADP-MHWO	V	V	V	V	V	V	V	V

MTPX-XPR-2.0

Multi technology RFID reader

The MTPX-XPR-2.0 is an RFID reader (EM, HID Prox and Mifare) with Wiegand and OSDP communication protocol. The new 2.0 range readers are available in black and silver ABS.

- ≤ 6 cm
- 20°C to 50°C
- 0% → 95%
- 12/24 V AC/DC
- 65



Reference	Type	Functions		Communication Pool		Firmware Upgrades / Programming	
	RFID Reader	125 KHz EM/HID*	13.56 Mhz MIFARE*	Wiegand*	OSDP*	Micro-USB*	RS485
MTPX-MHWO	V	V	V	V	V	V	V

VKP Range



ONLine system

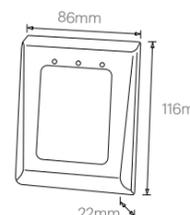
VPROX2-M

Vandal-resistant EM RFID reader

Compact Vandal-proof VPROX2-M is designed for high security applications in a hostile environment, available in silver colour. Programmable Wiegand protocols and compatible with most standard access control systems.

Ref: VPROX2-M

- up to 10 cm
- 20°C / +50°C
- 0% → 95%
- 8-12 VDC
- 0.5 m
- 65



Capacity control

T&A display

MT-LCD

Time & Attendance screen display reader

The MT-LCD display made in the same design as the XPR MINI readers provides different information for time and attendance application. It could be used in combination with our ONLine readers and ONLine EWS controllers. Available in black and silver (ABS housing).

Ref: MTS-LCD/MTBK-LCD



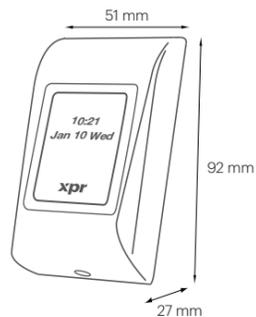
Displaying counter codes could be ideal for companies, shops, supermarkets or hotels who would like to know - amongst others - the number of users present inside a defined area or the number of available parking lots so providing capacity warnings to users.

This is nowadays also extremely helpful and important to also protect our health. The software will detect the number of users inside a defined area, and therefore you can help to **maintain the social distance** and take care of both your workers and clients/visitors.



The display can be used for displaying T&A codes like shift start/end, breaks, private leave, and much more, which can be displayed at the time of user identification.

- 20°C /+50°C
- 0% → 95%
- 12 VDC
- 0.5 m
- IP 65



Accessories



13.56 MHz Fobs & Cards

Fobs & cards
13.56 MHz cards (1 KB & 4 KB). Formats available: NISO and ISO cards (printable) and fobs in ABS. Fobs colours: grey, black, blue, red or green.

Ref: PBX-1E-MS 50/PBX-2-MS50/PBX-2C-MS50/PBZ-2-MS70



Desktop readers

PROX-USB
USB desktop RFID reader that enables easy card enrolment.

Ref: PROX-USB



125 KHz Fobs & Cards

Fobs & cards
125 kHz RFID cards (EM4100 & 4200). Formats available: NISO and ISO cards (printable) and fobs in ABS.

Ref: PBX-1E/PBX-1C/PBX-2/PBX-2C

Design and customization

In XPR it is not only important to provide the best technologies, but also to offer solutions with a design and/or customization that ensure these units will complement any décor or building design.

For the MT-LCD display and the MINI range, silver and black colours are available by default. In the case of the DIN Range, it is available in silver, charcoal and white. However, upon request, other colours are available like charcoal, green, blue, red and white.



Symbols legend

- EM
- Mifare
- Terminal Block
- Wiring
- Voltage
- Operating temperature
- Operating humidity
- IP Protection
- USB



