

- ▲ Multi-technology readers
- ▲ Compact design, excellent performance
- ▲ Advanced encryption protocols to protect access credentials, enhancing overall system integrity and user safety

- ▲ Suitable for both indoor and outdoor installations with reliable performance in various circumstances
- ▲ Mifare DESFire EV3 Xsecure credentials for high-security identification of tags
- ▲ Supported technologies:



- up to 6 cm
- 30°C / +65°C
- 5% → 95%
- 9-15 VDC
- 65
- IEC 60839-11-1:2013
- terminals

XS
MULTI-TECHNOLOGY RFID READERS

XS readers support 125 kHz and 13.56 MHz credentials with RS-485, OSDP, and Wiegand protocols. Firmware and settings updates are handled via micro-USB or programming card (PROX-USB-X required) using our free Product Manager software. The reader's LED light speaks volumes, instantly revealing the status of the credential interaction.



- up to 6 cm
- 30°C / +65°C
- 5% → 95%
- 9-15 VDC
- 65
- IEC 60839-11-1:2013
- terminals

XS-K
MULTI-TECHNOLOGY RFID KEYPADS

XS-K keypads support 125 kHz and 13.56 MHz credentials with Wiegand, OSDP, and RS-485 protocols. Updates are managed via micro-USB or a programming card (PROX-USB-X required) through our free Product Manager software. Its dynamic backlight enhances user experience with three vivid colours providing clear, instant status feedback at a glance.

xprReaders



The journey continues on our website:

www.xpr-readers.com

XPR_readers_leaflet_ve11

**Premium Access
Control Readers**

- ▲ All-in-one multi-technologies
- ▲ Encryption capabilities to enhance security
- ▲ Available as a Plug and Play solution for nearly all access controllers on the market
- ▲ Mobile ID: for efficient management and distribution of access credentials through virtual cards on smartphones. (For each reader, 5 high-security Mobile IDs are provided at no cost.)

- ▲ Mifare DESFire EV3 Xsecure credentials for high-security identification of tags
- ▲ IK10 (keypad) and IK11 (readers) certification
- ▲ Supported technologies:



- Mifare up to 9 cm
- °C -30°C / +65°C
- 0% → 95%
- 9-15 V DC
- IK 11
- IP 65
- IEC 60839-11-1:2013
- terminals

XP RFID READERS MULTI-TECHNOLOGY

XP Mifare readers support RS-485, OSDP, and Wiegand protocols at 13.56 MHz. Our free Product Manager software manages firmware, communication protocols, and identifiers via USB-C or a programming card (PROX-USB-X required). The XP features a tricoloured LED for status indication, offering reliable access control.



- Mifare up to 9 cm
- °C -30°C / +65°C
- 0% → 95%
- 9-15 V DC
- IK 10
- IP 65
- IEC 60839-11-1:2013
- terminals

XP-K RFID KEYPADS MULTI-TECHNOLOGY

XP-K keypads support 13.56 MHz credentials and communicate via Wiegand, OSDP, and RS-485. Our free Product Manager software manages updates and configurations via USB-C or programming card (PROX-USB-X required). A colour-changing top LED indicates access status, while the touch-capacitive keypad with a blue backlight ensures smooth operation.



- Mifare up to 9 cm
- °C -30°C / +65°C
- 0% → 95%
- 9-15 V DC
- IK 11
- IP 65
- IEC 60839-11-1:2013
- terminals

XPM MULLION MULTI-TECHNOLOGY

XPM mullion readers are sleek, multi-technology devices supporting 13.56 MHz credentials and RS-485, OSDP, and Wiegand protocols. Settings, firmware, and protocol updates are managed via USB-C or a programming card (PROX-USB-X required) using our free Product Manager software. Its slim tricoloured LED adds a touch of sophistication, complementing its flawless design.



WHAT IS XSECURE?

Xsecure is XPR's encryption solution using AES-encrypted data instead of the Card Serial Number (CSN) and secure keys known only to the reader.

WHY IS CREDENTIAL SECURITY IMPORTANT?

Cloning RFID cards or simulating CSNs poses risks to access control systems, highlighting the need for security upgrades to protect user credentials.

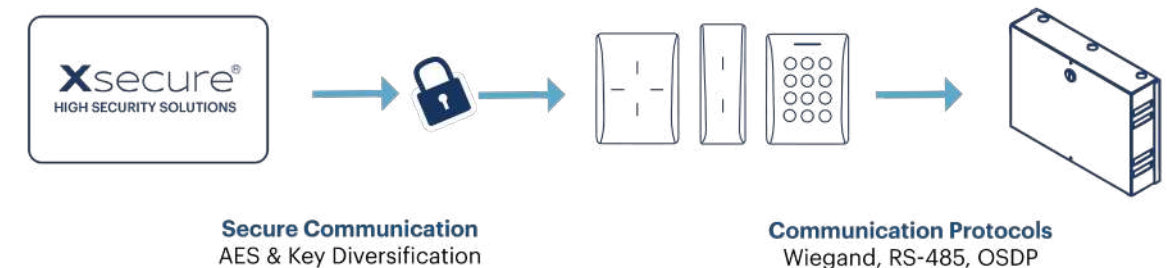
WHY XSECURE?

The Xsecure concept uses Mifare DESFire EV3 tokens with non-reversible access keys. Data is encrypted with error checking to prevent spoofing, and tokens are issued by a single company to avoid duplicates.



HOW DOES IT WORK?

Configuring a secure card reader to read only Xsecure® cards by the installer or end user.



When the reader detects a card (1), it assembles the card access key (unique for each card) (2), reads the card content (3), decrypts the card content (4), extracts the ID (5), and sends it to the controller (6).

