

- Multi-technology readers
- Compact design, excellent performance
- Advanced encryption protocols to protect access credentials, enhancing overall system integrity and user safety
- Compatible with our WS4 web server controller and PROS CS software

- 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 9 cm
- 30°C / +65°C
- 5% → 95%
- 9-15 V DC
- IP 65
- IEC 60839-11-1:2013
- terminals

**XS**  
**MULTI-TECHNOLOGY RFID READERS**

The readers combine versatility and performance, supporting both 125 kHz and 13.56 MHz credentials while communicating via RS-485, OSDP, and Wiegand protocols. Effortlessly manage firmware updates and settings using our free Product Manager software through a micro-USB connection or a programming card (PROX-USB-X required). With a sleek design, these readers feature an LED indicator that displays credential interaction status, ensuring intuitive and efficient access control.



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

**XS-K**  
**MULTI-TECHNOLOGY RFID KEYPADS**

The keypads are designed for seamless access control, supporting both 125 kHz and 13.56 MHz credentials with Wiegand, OSDP, and RS-485 compatibility. Configuration and firmware updates are easily managed through micro-USB or a PROX-USB-X programming card via our free Product Manager software. Its adaptive backlight provides three vibrant color signals, ensuring clear and immediate status feedback for an intuitive user experience.



- All-in-one multi-technologies
- Encryption capabilities to enhance security
- Available as a Plug and Play solution suitable for our EWS and WS4 controllers
- 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
- IP 65
- IEC 60839-11-1:2013
- terminals

## XP 13.56 MHz RFID READER

Operating at 13.56 MHz, these advanced readers support RS-485, OSDP, and Wiegand protocols, making them perfect for any system. Easily manage firmware, protocols, and identifiers using our free Product Manager software via USB-C or a programming card (PROX-USB-X required). With a vibrant tricoloured LED for instant status updates, these readers combine reliability, flexibility, and cutting-edge technology to elevate your access control experience.



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

## XP-K 13.56 MHz RFID KEYPAD

Supporting 13.56 MHz credentials, these keypads communicate via Wiegand, OSDP, and RS-485 protocols for maximum compatibility. Effortlessly manage firmware updates and configurations using our free Product Manager software via USB-C or a programming card (PROX-USB-X required). The sleek, touch-capacitive keypad features a blue backlight for smooth operation, while the top LED changes color to instantly indicate access status.



- Mifare up to 9 cm
- C° -30°C / +70°C
- 0% → 95%
- 9-15 V DC
- IP 65
- IEC 60839-11-1:2013
- terminals

## XPM MULLION 13.56 MHz RFID READER

The mullion readers combine sleek design with modern technology, supporting 13.56 MHz credentials and communication via RS-485, OSDP, and Wiegand protocols. Configuration, firmware updates, and protocol management are effortlessly handled using our free Product Manager software via USB-C or a programming card (PROX-USB-X required). Designed with aesthetics, the slim reader features a tricolored LED that elegantly indicates access status.



## 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?

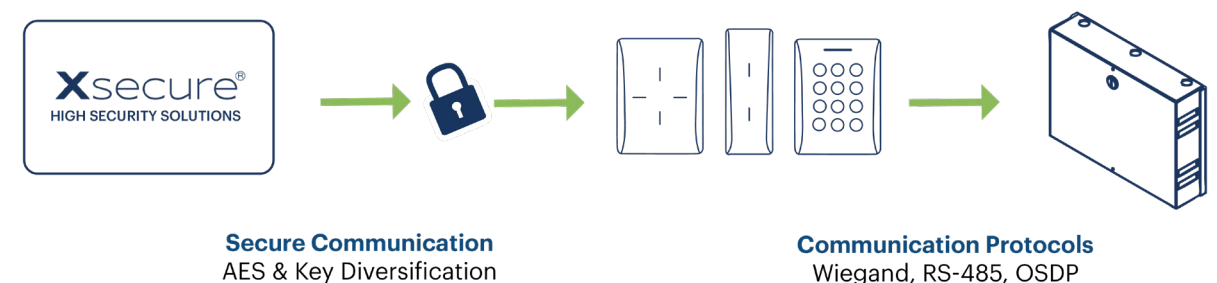
Cloning RFID cards or simulating CSNs poses risks to access control systems, highlighting the need for security upgrades to protect user credentials.

## 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).

