

Model XF2210

Mid-Range Keypad Reader Contactless Smart Card Series

Overview

Contactless Smart Card Readers allow your facility to meet the requirements of today while planning for the future. Operating on 13.56 MHz frequency, these Contactless Smart Card Readers provide one of the most advanced identification reader technologies available today. The combination of Contactless Smart Card Readers and smart credentials provides more security, more speed, and more data storage than the more common systems of today.

The XF2210 Mid-Range Contactless Smart Card Keypad Reader provides advanced security by supporting all applicable ISO standards (14443 and 15693). This reader supports most 13.56 MHz credential technologies including MIFARE[®], DESFire[™], and MIFARE DESFire[™] EV1 technologies.

The XF2210 is an excellent choice for a “fresh start” installation that does not need to support legacy technology and will simplify administration and strengthen campus security. The XF2210 is comparable in price to older, less secure proximity (125 kHz) readers yet offers advanced security features including mutual authentication.

This reader comes standard as a FIPS 201/ PIV II compliant reader.

Product Application

The XF2210 Mid-Range Contactless Smart Card Reader is ideal for higher security applications where two factor (card and/or pin number) authentication is desirable. This reader may be mounted on standard U.S. single gang electrical boxes or any typical wall mounted application.



- Reader comes standard as a FIPS 201/ PIV II compliant reader
- Industry standard 13.56 MHz contactless smart card technology
- Compliance: compatible with applicable ISO standards
- Read Range: up to 4.5 inches
- Tri-state LED (red, green, amber): Visual indicator and audio feedback representing status and activity information
- Tamper Detection
- Environment: accommodates interior, exterior, metal and non-metal installation environments
- Security/Key Management: several options to ensure the greatest choice between “open” or high security credential security

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FEATURES AND SPECIFICATIONS

Durability/Warranty

The XF2210 mullion reader is manufactured with the highest quality UV-resistant materials. These plastics inhibit discoloration in all types of environmental conditions, including direct sunlight. The XF2210 series features potted electronics and circuitry for protection against inclement weather. We protect our customers with a lifetime warranty, providing full confidence in your reader products.

Model XF2210 Specifications	
Frequency	13.56 MHz
Standard Default Configuration	75 bit PIV
Standards	ISO 14443 and ISO 15693
Certifications	FCC Certification UL 294 Pending CE Mark
Voltage Range	5-16 VDC
Power Supply	Linear DC (recommended)
Max. Current Requirement	Average 110 mA DC Peak 140 mA DC
Cable Specification	Recommended cable is 22 AWG (18 AWG preferred), minimum 5 conductor shielded (4 plus shield) in retrofit installs. See installation manual for wiring guide and applicable functionality
System Interfaces	Wiegand (Standard) RS-485
Cabling Distance	Wiegand Output: 500 ft. (152 m) at 22 awg and 12V supply, consult factory for longer cable distances
Operating Temperature	-31 to 149F (-35 to 65C)
Physical Dimensions (HWD)	6.10" x 4.55" x 1.35" 15.5 cm x 11.6 cm x 3.4 cm
Weight	1.1 lbs
Material	PBT Polymer
Color Options	Black (standard) Gray (optional)
Additional Technologies Supported	Schlage, XceedID™, MIFARE® Secure Sector, MIFARE® CSN*, DESFire™ CSN*, HID iClass® CSN*, Inside Contactless PicoTag® CSN*
Maximum Read Range**	Up to 4.5" (11.4 cm)

* CSN: Card Serial Number

** Maximum read range depends on credential type/form factor and installation conditions

ORDERING INFORMATION

XF2210 - Contactless Smart Card Reader - Mid-Range with Keypad

Schlage PIV readers have been approved by the GSA lab as compliant with FIPS 201 and the appropriate PIV credentials.