



# Model XF2200

## Mid-Range 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 XF2200 Mid-Range Contactless Smart Card 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 XF2200 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 XF2200 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 XF2200 Mid-Range Contactless Smart Card Reader is ideal for mounting on single gang U.S. electrical boxes. The read range provided by this attractive package makes it the standard choice for most wall mounted installations.



- 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 XF2200 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 XF2200 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 XF2200 Specifications	
<b>Frequency</b>	13.56 MHz
<b>Standard Default Configuration</b>	75 bit PIV
<b>Standards</b>	ISO 14443 and ISO 15693
<b>Certifications</b>	FCC Certification UL 294 Pending CE Mark
<b>Voltage Range</b>	5-16 VDC
<b>Power Supply</b>	Linear DC (recommended)
<b>Max. Current Requirement</b>	Average 70 mA DC Peak 105 mA DC
<b>Cable Specification</b>	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.
<b>System Interfaces</b>	Wiegand (Standard) RS-485
<b>Cabling Distance</b>	Wiegand Output: 500 ft. (152 m) at 22 awg and 12V supply, consult factory for longer cable distances
<b>Operating Temperature</b>	-31 to 149F (-35 to 65C)
<b>Physical Dimensions (HWD)</b>	6.10" x 4.55" x 1.27" 15.5 cm x 11.6 cm x 3.2 cm
<b>Weight</b>	1.6 lbs
<b>Material</b>	PBT Polymer
<b>Color Options</b>	Black (standard) Gray (optional)
<b>Additional Technologies Supported</b>	Schlage, XceedID™, MIFARE® Secure Sector, MIFARE® CSN*, DESFire™ CSN*, HID iClass® CSN*, Inside Contactless PicoTag® CSN*
<b>Maximum Read Range**</b>	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

#### **XF2200** – Contactless Smart Card Reader - Mid-Range

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