



XceedID **ISO**

Multi-technology Reader Series

SP635 Mid-Range Reader

FEATURES

- » Industry standard 125 kHz prox and 13.56 MHz contactless in the same reader
- » Compliance: compatible with all applicable ISO standards
- » Easy Migration: Includes XACTT technology (patent pending)
- » Modular Design: allows easy, upgradeable changes in the field
- » Read Range: up to 8 inches
- » Tri-state LED (red, green, amber): Visual indicator and audio feedback representing status and activity information
- » Tamper Detection
- » Multiple Color Options
- » 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
- » Warranty: lifetime against defective workmanship and materials

INTRODUCTION

The ISO-X series of readers are the most flexible readers in the industry. Finally, one reader handles all applicable ISO standards (14443 and 15693). All ISO-X readers contain both 125 kHz proximity and 13.56 MHz contactless smart card capability in one unit.

ISO-X readers provide compatibility with HID® proximity, GE/CASI ProxLite®, XceedID proximity, and most 13.56 MHz technologies (see chart on back).

Offering 125 kHz and 13.56 MHz technology in one reader, XceedID protects its customers from obsolescence in the transition from proximity technology to contactless smart card technology. Even if customers want to continue using proximity technology today, the new ISO-X readers offer economical migration to the latest in smart card technology on their budget or timeline.

PRODUCT APPLICATION

The ISO-X mid-range reader is ideal for mounting on single gang US electrical boxes. The read range provided by this attractive package makes it the standard of choice for most wall mounted installations. XceedID's unique modular design allows easy, upgradeable changes in the field if changes are required after specification or installation.



DURABILITY/WARRANTY

Our ISO-X reader series is manufactured with the highest quality UV-resistant materials. These plastics inhibit discoloration in all types of environmental conditions, including direct sunlight. The readers feature potted electronics and circuitry for protection against inclement weather. XceedID protects its customers with a lifetime warranty, providing full confidence in your reader products.



U.S. Patent Pending



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SPECIFICATIONS

SP635 Mid-Range Reader

FREQUENCY

- » 125 kHz and 13.56 MHz

STANDARDS

- » ISO 15693 and ISO 14443

CERTIFICATIONS

- » FCC Certification
- » Canadian FCC Certification
- » UL 294 Listed
- » R&TTE Directive (15 EU Countries)
- » CE Mark

VOLTAGE RANGE

- » 8-16 VDC

POWER SUPPLY

- » Linear DC

MAX. CURRENT REQUIREMENT

- » Average 95 mA DC
- » Peak 218 mA DC

CABLE SPECIFICATION

- » 22AWG 12 Conductor Shielded

SYSTEM INTERFACE

- » Wiegand (Standard)
- » RS-485 (Optional)

CABLING DISTANCE

- » Wiegand Output: 500 ft. (152m)

OPERATING TEMPERATURE

- » -31 to 151F (-35 to 67C)

PHYSICAL DIMENSIONS (HWD)

- » 5.85" x 4.5" x 1.45"
- » 14.9 cm x 11.4 cm x 3.7 cm

WEIGHT

- » 1.05 lbs.

MATERIAL

- » PBT Polymer

COLOR OPTIONS

- » Charcoal and Black

MAXIMUM READ RANGE *

- 125 kHz
 - » up to 8" (22.86 cm)
- 13.56 MHz
 - » ISO 15693: up to 6" (15.24 cm)
 - » ISO 14443 MIFARE® Standard: up to 3" (7.62 cm)
 - » ISO 14443 MIFARE DESFire®: up to 2.5" (6.35 cm)

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

Standards and Technologies Supported	Compatibility
125 kHz Proximity	
GE CASI ProxLite®	Supported
HID® Proximity	Supported
XceedID™	Supported
ISO 15693 13.56 MHz Vicinity	
XceedID ISO-X™ Secure Sector	Supported
Infineon my-d® Secure Sector	Supported
HID iCLASS® Serial Number	Supported
Infineon my-d® Serial Number	Supported
Inside Contactless PicoTag® Serial Number	Supported
ST Microelectronics® Serial Number	Supported
Texas Instruments Tag-It® Serial Number	Supported
Philips I-Code® Serial Number	Supported
ISO 14443 13.56 MHz Proximity	
XceedID ISO-X™ Secure Sector	Supported
Infineon my-d® Secure Sector	Supported
DESFire® Serial Number	Supported
DESFire® Sector	Q4 2005
MIFARE® Serial Number	Supported
MIFARE® Sectors	Q4 2005



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