

aptiQ : Multi-Technology Mullion

LNL-MT11

aptiQ : Multi-Technology Readers - Multi-Technology Mullion
aptiQ Multi-Technology Readers by Ingersoll Rand Security Technologies are designed to simplify your access control solutions. Transition your system from proximity to smart card technology at your own pace without having to change out readers as new technologies are available. aptiQ readers handle all applicable ISO standards (14443A, 14443B, 15693), are FIPS 201-1 compliant and are versatile enough to read 125kHz proximity and 13.56MHz contactless smart cards in a single unit. aptiQ multi-technology readers interface with XceedID® MIFARE® Classic smart cards, the ultra-secure aptiQ MIFARE DESFire EV1, and can read the card serial numbers of a variety of smart cards from other manufacturers, making your next upgrade in technology simple and seamless. Additionally, aptiQ readers are already NFC compatible and able to communicate with NFC-enabled phones whenever you're ready to take that step. aptiQ multi-technology readers use an open architecture platform designed to work with industry standards and common access control system interfaces. Multiple aptiQ reader form factors are designed to fit a variety of placement needs, with an attractive modern design which will complement any facility's architecture and décor. aptiQ readers are very easy to install with the quick-connect design and a standard wiring color scheme that most technicians are already accustomed to. But if you do have questions, you'll never worry about lack of service or assistance. As always, our knowledgeable sales & support staff is ready to assist you with any design or technology questions you may have.



Specifications

Reader Type	Multi-Technology Mullion
Frequency	13.56 MHz and 125 kHz
FIPS 201-1 Compliant	Yes
Standard Default PIV Output	75 bit PIV**
Standards	ISO 14443A, 14443B, 15693
Certifications	FCC Certification / IC Certification / UL 294 Listed / R&TTE Directive (15 EU Countries) / CE Mark / IP65
Voltage Range	5-16 VDC
Power Supply	Linear DC
Current Requirement	Avg. 100 mA/Peak 135 mA
Read Range	Proximity: Up to 5" (12.7 cm) MIFARE: Up to 4" (10 cm) DESFire EV1: Up to 2" (7.5 cm) PIV Credential: Up to 2.5" (6.5 cm)
Cable Specification	18 AWG, 5 Conductor Stranded/Shielded
System Interfaces	Wiegand / Clock & Data
Cabling Distance	Wiegand Output: 500 ft. (152 m)
Physical Dimensions	15 cm x 4.4 cm x 2.1 cm
Operating Temperatures	-35 to 67 C°
Weight (lbs)	5.7 oz
Material	PBT Polymer
Technologies Supported in Default Mode	Schlage Proximity / XceedID Proximity / HID® Proximity UTC/CASI ProxLite® / AWID® Proximity / LenelProx®
	Schlage MIFARE® Secure Sector / XceedID MIFARE® Secure Sector
	aptiQ Smart Cards using MIFARE DESFire EV1 with PACSA
	DESFire® CSN / HID iClass® CSN Inside Contactless PicoTag® CSN
	ST Microelectronics® CSN Texas Instruments Tag-It® Serial Number / Phillips I-Code® CSN
	* Some features and benefits listed on the front may not be applicable to the smart-only and proximity-only readers.
	** Other output options available through configuration.

- Accommodates interior, exterior, metal, and non-metal installation environments
- Recognizes most proximity credentials, XceedID® MIFARE® Classic smart credentials, and aptiQ MIFARE DESFire EV1 smart credentials
- NFC Compatible
- Quick-connect design for easy installation
- Simple wiring - color scheme is identical to most readers in the market
- Easy-to-install mounting bracket
- Tri-state LED (red, green, amber) visual indicator and audio feedback representing status and activity information, easily discernible for the audibly or visually impaired.
- Wiegand output for simple interface with most access control panels

Ordering Information

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