



# *Readers and Credentials*

from Security Technologies



## *Simplifying the security industry like never before.*

Ingersoll Rand's aptiQ™ and XceedID® readers and credentials not only feature cutting-edge security technology, but are transforming basic access control products into all-in-one solutions, providing convenience and options to meet the needs of any facility or business.

The aptiQ™ line of multi-technology readers provides flexibility with an open architecture design. These versatile readers are capable of interfacing with many systems and security products currently on the market to provide you with the security you need now, and support for future technologies.

The wide variety of credential offerings from aptiQ™ and XceedID® allows you to choose the best option to fit any budget or security need. Whether a facility or business requires a highly secure smart card option with the ability to be used for other applications, or a traditional proximity technology for less demanding installations, Ingersoll Rand has a credential suitable for nearly any situation.

# readers



**PR10**

XceedID®  
Proximity  
Mini-Mullion Reader



**SM10**

aptiQ™ Smart  
Mini-Mullion  
Reader



**MT11**

aptiQ™  
Multi-Technology  
Mullion Reader



**MT15**

aptiQ™  
Multi-Technology  
Single Gang Reader



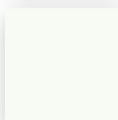
**MTK15**

aptiQ™  
Multi-Technology  
Single Gang Reader  
with Keypad

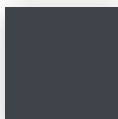
## AVAILABLE FINISHES:



Black  
(Standard)



Cream



Cool Tone  
Gray



Warm Tone  
Brown

## When you need both smart and proximity technology, we read you.

With our versatile proximity, smart, and multi-technology reader options, we have a solution for any physical access control need. This comprehensive, yet simple reader line-up is suitable for any new smart or proximity installation.

Plus, the multi-technology readers can be used to economically and gradually change over from proximity to smart technology in an existing system. Easy to install and stylish in design, these readers can perfectly complement any facility's décor.

### aptiQ™ Multi-Technology Readers

aptiQ™ multi-technology readers are ideal for any new smart or proximity installation—or as a cost effective way to migrate from existing proximity to smart technology.

- 13.56MHz and 125kHz technology in one reader
- RS-485 optional
- Anti-microbial keypad
- Compatible with:
  - aptiQ™ MIFARE DESFire™ EV1
  - MIFARE® classic
  - Most popular proximity credentials
  - CSN of most existing 13.56MHz credentials

### aptiQ™ Smart Mini-Mullion Reader

The aptiQ™ smart mini-mullion reader is an excellent option for a smart-only installation.

- 13.56MHz smart technology
- Compact, unobtrusive design is easily installed in small spaces
- Compatible with:
  - aptiQ™ MIFARE DESFire™ EV1
  - MIFARE® classic
  - CSN of most existing 13.56MHz credentials

### XceedID® Proximity Mini-Mullion Reader

This reader is a great solution for proximity-only facilities.

- 125kHz proximity technology
- Compact, unobtrusive design is easily installed in small spaces
- Reads most proximity formats on the market today

#### *All Readers have the following features:*

- Open architecture design provides compatibility with nearly any access control system on the market
- Easy to install with standard wiring, quick-connect wiring harness and simplified mounting bracket



- Stylish low-profile design
- Multiple color options
- Standard Wiegand Output
- Smart readers are NFC capable

#### *FIPS 201-1 Compliant PIV II Card Readers*

- All aptiQ™ readers are FIPS 201-1 compliant and have been approved by the US Government under HSPD-12 as PIV Transparent Readers
- Available in multiple data formats ranging from 75 bits to 200 bits

## We pack a lot into every card.

With the latest in smart card technology and traditional proximity technology, we have an option for every budget and business need. With MIFARE DESFire™ EV1 technology, aptiQ™ smart cards are Ingersoll Rand Security Technologies' highest security credentials.

### *Still transitioning to smart technology?*

*We've got you covered. Our MIFARE® classic and proximity credentials are an ideal choice for a less demanding security installation. Plus, our proximity credentials are able to interface with many industry leading proximity readers in addition to our own.*

## aptiQ™ Smart and Multi-Technology Credentials with MIFARE DESFire™ EV1 Technology

These credentials offer the highest in security from Ingersoll Rand Security Technologies. With multiple memory options, aptiQ™ smart credentials can be used for a variety of applications in addition to access control, such as cashless vending, cafeteria services, transportation, equipment check-out, and more.

- 13.56MHz smart technology
- Truly secure with advanced data encryption (AES 128-bit), mutual authentication, diversified keys, and message authentication coding
- Open solution built on ISO 14443 standards
- Superior data storage options – 2k, 4k, and 8k byte (16k, 32k, 64k bit)
- Ideal for facilities with advanced security needs

## XceedID® Smart and Multi-Technology Credentials with MIFARE® Classic Technology

These credentials are ideal for facilities with moderate security needs, and for businesses that want to use credentials to support multiple business functions.

- 13.56MHz smart technology
- Multiple memory size options for additional applications
- Higher security with encryption, mutual authentication, and diversified keys
- Cost effective smart credential option

## XceedID® Proximity Credentials

XceedID® proximity credentials are an excellent solution for facilities with less demanding security needs. XceedID® proximity credentials are a cost effective solution, and are able to interface with many industry leading proximity readers.

- 125kHz proximity technology
- Compatible with many industry leading proximity readers
- Ideal for less demanding security installations

*Ingersoll Rand Security Technologies' credentials are offered in a variety of form factors:*



### **ISO-STYLE CARD**

*Similar in size and thickness to a credit card; available with magnetic stripe upon request*



### **CLAMSHELL**

*Credit card-sized credential, highly durable*



### **KEY FOB**

*Highly durable; able to be attached to a key ring*



### **ADHESIVE PVC PATCH**

*35mm round or credit card-sized patch that can be attached to existing surfaces*



Ingersoll Rand (NYSE:IR) advances the quality of life by creating and sustaining safe, comfortable and efficient environments. Our people and our family of brands—including Club Car®, Ingersoll Rand®, Schlage®, Thermo King® and Trane®—work together to enhance the quality and comfort of air in homes and buildings; transport and protect food and perishables; secure homes and commercial properties; and increase industrial productivity and efficiency. Ingersoll Rand Security Technologies' market-leading products include electronic and biometric access control systems; time-and-attendance and personnel scheduling systems; mechanical locks; portable security; door closers, exit devices, architectural hardware, and steel doors and frames; and other technologies and services for global security markets. Ingersoll Rand is a \$14 billion global business committed to a world of sustainable progress and enduring results.

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