Ingersoll Rand
Security Technologies

aptiQ

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.

PR10
XceedID®
Proximity
Mini-Mullion
Reader

AVAILABLE FINISHES:

Black (Standard)

Cream

Cool Tone Gray

Warm Tone Brown

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

MTMS15
aptiQ™
Multi-Technology
Single Gang
Magnetic Stripe
Reader

MTMSK15
aptiQ™
Multi-Technology
Single Gang
Magnetic Stripe
Reader with Keypad

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 magnetic stripe or 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, proximity, or magnetic stripe installation—or as a cost effective way to migrate from existing magnetic stripe or proximity to smart technology.

- 13.56MHz and 125kHz technology in one reader
- Magnetic stripe option
- RS-485 optional
- Anti-microbial keypad

- Compatible with:
  - aptiQ™ smart credentials
    - using MIFARE DESFire™ EV1
    - using MIFARE® classic
  - Most popular proximity credentials
  - CSN of most existing 13.56MHz credentials
  - Magnetic stripe

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™ smart credentials
    - using MIFARE DESFire™ EV1
    - using 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

credentials

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. aptiQ™ smart cards using MIFARE DESFire™ EV1 technology 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

aptiQ using MIFARE DESFire™ EV1 Technology

These credentials offer the highest in security from Ingersoll Rand Security Technologies. With multiple memory options, aptiQ™ credentials using MIFARE DESFire™ EV1 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
- Magnetic stripe option available

aptiQ using MIFARE® Technology

aptiQ™ credentials using MIFARE® Classic technology 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
- Magnetic stripe option available

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
- Magnetic stripe option available
- 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

AD-Series Electronic Locks with Multi-Technology Readers featuring *aptiQ.*™

We just opened up the future even wider. AD-Series electronic locks feature multi-technology readers that read a variety of proximity and smart cards. Built on the latest smart technology, AD-Series locks feature the aptiQ™ technology as an open solution that allows you to keep up with future advancements. AD-Series multi-technology readers with aptiQ™ showcase the best in speed, memory, efficiency, security, and future technologies.

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