

aptiQ™

FIPS 201-1 compliant readers



Overview

aptiQ™ smart and multi-technology readers by Allegion have been approved by the U.S. Government under HSPD-12 for FIPS 201-1 compliance as PIV transparent readers. PIV compliance is available on six reader models, including the SM10 smart mini-mullion, MT11 multi-technology mullion, MT15 multi-technology single gang, MTK15 multi-technology single gang with keypad, MTMS15 multi-technology magnetic stripe and MTMSK multi-technology magnetic stripe with keypad.

aptiQ™ multi-technology readers are a unique and critical component of successful security upgrades in all sectors of the government. FIPS 201-1 is a Federal Information Processing Standard (“FIPS”) developed by the National Institute of Standards and Technology (“NIST”) to satisfy the requirements of HSPD-12, a Homeland Security Presidential Directive. One of the main objectives of HSPD-12 is to ensure government-wide interoperability for information technology and security through the implementation of a range of federal standards and product requirements. FIPS 201-1 seeks to improve identification and authentication of Federal employees and contractors for access to the federal facilities and information systems.

aptiQ™ FIPS 201-1 PIV compliant readers are available with multiple data output formats, which provide unprecedented versatility within the PIV & PIV-I specification.

In addition to reading approved FIPS 201-1 PIV & PIV-I credentials, aptiQ™ smart and multi-technology readers are also compatible with many standard proximity and leading smart card technologies (see specifications). The ability to read multiple existing card types and PIV & PIV-I cards simultaneously is a tremendous benefit to those agencies looking to transition seamlessly from older proximity technologies to new, mandated PIV & PIV-I credentials. A mixed population of old prox credentials and new PIV & PIV-I credentials is unavoidable during the government’s multi-year upgrade path to FIPS 201-1 compliance.

Features and benefits

- Compatibility: compatible with industry standard magnetic stripe technology (tracks 1, 2, or 3) and 125 kHz and 13.56 MHz contactless technologies
- Read range: up to 6 inches (proximity), up to 2 inches for PIV & PIV-I credentials
- 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

Additional features

- Compliance: compatible with applicable ISO standards
- Compatible with all access control systems that support Wiegand format
- Warranty: limited lifetime against defective workmanship and materials
- Additional technologies supported
 - Magnetic stripe
 - Track 1, 2, or 3
 - Proximity
 - Schlage
 - XceedID®
 - HID® Proximity (certain formats)
 - GE/CASI ProxLite™
 - AWID® Proximity
 - Smart card (secure sector only)
 - Schlage
 - aptiQ™ using MIFARE®
 - aptiQ™ using MIFARE DESFire™ EV1
 - FIPS 201-1/PIV & PIV-I
 - Smart card (card serial number only)
 - DESFire® application HID iClass®
 - Inside contactless PicoTag™

Ordering information

- **SM10** - Smart mini-mullion reader
- **MT11** - Multi-technology mullion reader
- **MT15** - Multi-technology single gang reader
- **MTK15** - Multi-technology single gang reader with keypad
- **MTMS15** - Multi-technology magnetic stripe reader
- **MTMSK15** - Multi-technology magnetic stripe reader with keypad

aptiQ™ PIV readers have been approved by the GSA lab as compliant with FIPS 201-1 and the appropriate PIV credentials.

Please see individual data sheets for each reader for more specific technical information.

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About Allegion

Allegion (NYSE: ALLE) creates peace of mind by pioneering safety and security. As a \$2 billion provider of security solutions for homes and businesses, Allegion employs more than 7,800 people and sells products in more than 120 countries across the world. Allegion comprises 23 global brands, including strategic brands CISA®, Interflex®, LCN®, Schlage® and Von Duprin®. For more, visit www.allegion.com.

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