

# MiY-Card™

Multi-factor Outdoor Biometric Access Control Reader

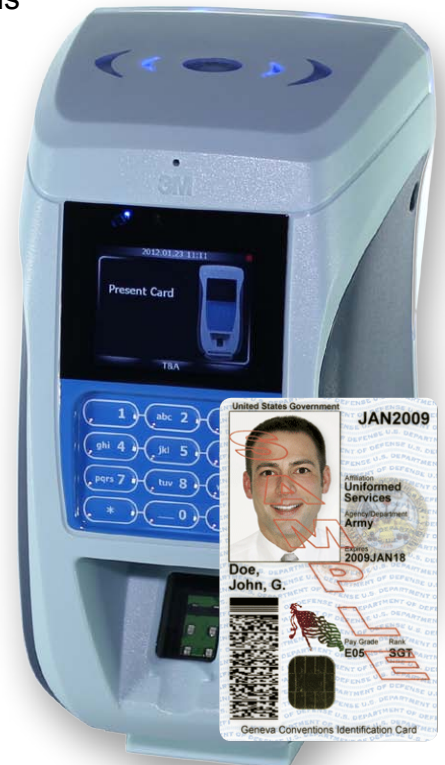
MiY-Card is 3M Cogent's latest outdoor multi-purpose, multi-factor biometric access control reader. It is a highly sophisticated, accurate, and customizable biometric physical access control terminal that is designed to perform fast authentication and efficient entry. MiY-Card enables multi-factor identification that combines contactless smart card, biometric fingerprint technology, and numerical pin to offer the highest level of access security available.

As new security standards emerge, companies are looking for a security product that meets current standards. 3M Cogent's MiY-Card product allows them to meet current standards and easily conform to changing standards without having to replace their access control readers.

The ground-breaking "Make it Yours" application development platform allows third party customization of almost any part of the product leveraging future technologies as they are introduced. 3M Cogent's SecurAPI has over 500 functions to create various types of workflow with the existing hardware or third party hardware via the secure USB port.

The MiY-Card's outdoor design features an Ingress Protection Level (IP) 65 with built-in TLS encrypted Ethernet and PIV-approved matchers, scanners, and contact/contactless CHUID readers.

- Easy to install
- External USB for add-on devices
- Protected OTG port
- Sandbox API framework supported
- Full MIFARE®/DESFire/EV1 contactless card reader
- Full audio
- Compact design





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## Technical Specifications and Features

Fingerprint Algorithm	GSA FIPS 201 PIV approved matcher/Cogent proprietary
Fingerprint Sensor	500 ppi optical sensor, FIPS 201 PIV approved Liveness detection when used with Futronic sensor
Image Capture Size	480 x 320 pixels
Enrollment Method	Single-finger, multiple enrollments
Allowable Finger Rotation	+/- 45 °
I/O Interface	RS485, USB 2.0, Secure OTG port
Ethernet	10/100, TLS encryption
Memory	256 MB, 4 GB secure SD flash, 2 GB secure nand flash
Contactless Smart Card Reader	PC/SC ISO 14443 MiFare/DESFire/EV1 contactless card reader
LCD Display	2.2 in color LCD screen
Device Mode Indicator	4 multi-color status LEDs
Keypad	12 key non-mechanical keypad
Wiegand	Programmable up to 256 bits
I/O Power	12 V DC standard input, 400 mA, POE fully 802.3af compliant
Operating Temperature	-4° F to 158° F (-20° C to 70° C)
Physical Dimensions	4.4 x 8.1 x 3.8 in (111.1 x 206.4 x 95.3 mm)
Weight	2 lbs (0.9 kg)
Device Management Software	MiY Security Manager
Ingress Protection	IP65
Certification	FIPS 201 PIV

