

TECHNICAL DATA SHEET

# Gemalto Cogent MiY-Touch Indoor Biometric Access Control Reader



## Product Description

The MiY-Touch is an indoor, customizable biometric physical access control terminal that is designed to perform fast authentication, efficient entry, and time & attendance functionalities. Small, fast, and one of the lightest readers in its class, the MiY-Touch has a sleek, compact design, featuring a fingerprint scanner and an intuitive touchscreen interface.

Fully supported by the "Make it Yours" sandbox SDK, the MiY-Touch enables third-party customization of almost any part of the product, leveraging future technologies as they are introduced. Designed with the needs of the user in mind; it can function as a standalone access control unit or connected via network.

## FEATURES

- > Touch-screen
- > Easy to install
- > Performs time and attendance
- > External USB for add-on devices
- > Sandbox API framework supported
- > Optional detachable contact or contactless smart card reader meeting PACS standards for PIV, CAC, TWIC, and others
- > PIV-approved matchers and scanners

# Gemalto Cogent MiY-ID Biometric Access Control Reader

## SPECIFICATIONS

<b>Fingerprint Algorithm</b>	GSA FIPS 201 PIV approved matcher or Gemalto proprietary
<b>Fingerprint Sensor</b>	500 ppi capacitive sensor, FIPS 201 PIV approved
<b>Image Capture Size</b>	360 x 256 pixels
<b>Enrollment Method</b>	Single-finger, multiple enrollments
<b>Allowable Finger Rotation</b>	+/- 45°
<b>I/O Interface</b>	RS485, USB 2.0, Secure OTG port
<b>Ethernet</b>	10/100, TLS encryption
<b>Memory</b>	256 MB, 4 GB secure SD flash, 2 GB secure NAND flash
<b>On-device Template storage</b>	Up to 100k templates
<b>On-device Template search speed</b>	Up to 10k/second
<b>Contact Smart Card Reader (Optional Module)</b>	PC/SC ISO 7816
<b>Contactless Smart Card Reader</b>	MiY-T-HID (PC/SC ISO 14443 MiFare/DESFire/EV1 and ISO15693 iClass), Optional Module, SKU: 75-0501-1977-7
<b>LCD Display</b>	3.5 in color LCD touch screen
<b>Wiegand</b>	Programmable up to 256 bits
<b>I/O Power</b>	12 V DC standard input, 400 mA, POE fully 802.3af compliant
<b>Operating Temperature</b>	32° F to 104° F (0° C to 40° C)
<b>Physical Dimensions</b>	4.3 x 6.5 x 2.5 in (108.5 x 165.7 x 63.7 mm)
<b>Weight</b>	1.0 lb, card reader < 0.1 lb (0.45 kg, card reader < 0.05 kg)

### Available Software Development Kits (SDKs)

- > MiY Sandbox API
- > MiY Security Manager
- > MiY Device Administration Tool

### Certifications

- > FCC
- > CE
- > RoHS compliant

### Important Notice

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