

TECHNICAL DATA SHEET

Gemalto Cogent MiY-Search Biometric Access Control Reader



Product Description

The MiY-Search is an outdoor multi-purpose, two-factor, customizable biometric physical access control reader designed to perform fast authentication, and efficient entry. The MiY-Search's outdoor design features an Ingress Protection Level (IP) 55, optical PIV fingerprint scanner, non-mechanical keypad, and built-in TLS encrypted Ethernet.

Fully supported by the "Make it Yours" sandbox SDK, the MiY-Search enables third-party customization of almost any part of the product, leveraging future technologies as they are introduced. Gemalto SecurAPI has many types of workflows with the existing hardware or third party hardware via the secure USB port.

FEATURES

- > Easy to install
- > External USB for add-on devices
- > Protected OTG port
- > Sandbox API framework supported
- > Full audio
- > Compact design

Gemalto Cogent MiY-ID Biometric Access Control Reader

SPECIFICATIONS

| | |
|----------------------------------------|-------------------------------------------------------------|
| Fingerprint Algorithm | Gemalto proprietary |
| Fingerprint Sensor | 500 ppi capacitive sensor, FIPS 201 PIV approved |
| 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, 512 MB secure NAND flash |
| On-device Template storage | Up to 100k templates |
| On-device Template search speed | Up to 10k/second |
| 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, 300 mA, POE fully 802.3af compliant |
| Operating Temperature | -4° F to 158° F (-20° C to 70° C) |
| Physical Dimensions | 4.4 x 3.8 x 8.1 in (111.1 x 95.3 x 206.4 mm) |
| Weight | 1.8 lbs (0.81 kg) |

Available Software and Software Development Kits (SDKs)

- > MiY Sandbox API
- > MiY Security Manager

Certifications

- > FIPS 201 PIV
- > CE
- > FCC
- > RoHS compliant
- > Ingress Protection (IP55)

Important Notice

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