MiY-Mobile™
Multi-functional Biometric Access Control Handheld Reader

MiY-Mobile is a highly flexible and versatile biometric mobile access control handheld reader designed to perform fast authentication and efficient entry at various sites.

With an array of user-friendly features, the device can quickly and easily capture fingerprints, portraits, and read credentials in compliance with current Physical Access Control System (PACS) standards for PIV, CAC, TWIC, and others. By using its flexible modular attachments, it can support multiple forms of card interfaces such as mag-stripe, contact, and contactless.

Highly flexible, the MiY-Mobile can adapt to different scenarios. On a small or remote site with no centralized network, the MiY-Mobile can run fully standalone, with all data updated and extracted via USB connection to a PC and the MiY Device Admin Tool software. On highly sophisticated sites with a centralized server and Wi-Fi support, you can take advantage of the MiY-Mobile’s Wi-Fi capability by securely connecting it to a MiY server where all data is automatically synchronized when in network range.

When configured with the Wi-Fi monitoring feature, each MiY-Mobile device can be managed from a central location, whether the device is docked or used as a handheld. This feature allows for real-time management, updates, and configuration changes among other activities.

MiY-Mobile combines mobility with the ground-breaking “Make it Yours” application development platform allowing third-party customization of almost any part of the product to leverage future technologies as they are introduced. 3M Cogent’s MiY Sandbox API has over 500 functions to create various types of workflow and customized applications.

- Centralized or standalone management
- TWIC Cancelled Card List updates
- Sandbox API framework supported
- Wi-Fi enabled monitoring and updates
- Full audio
- Compact design
- Built-in camera
MiY-Mobile™
Technical Specifications and Features

Physical Specs:
> Dimensions: 7.8 x 3.5 x 2.5 in. (198.1 x 88.9 x 63.5 mm)
> Weight: 1.4 lbs (0.64 kg)
> Operating Temperature: 14º F to 122º F (-10º C to 50º C)
> Display: 3.5 in. color transflective QVGA LCD, touch screen
> Screen Horizontal Viewing Angle: -30° to 30°
> Screen Vertical Viewing Angle: -30° to 35°
> Keypad: Backlit, 41 key expanded QWERTY
> DDR SDRAM Memory: 256 MB
> Flash Memory: 128 MB (supports up to 256 MB)
> Expansion Slot: 8 GB MicroSD standard (16 GB MicroSD optional)
> Standard Li-Ion battery 4.2 V, 4400 mAh, 8 hours continuous operation, hot swappable, rechargeable
> I/O Interface: USB 2.0 client, USB 1.0 host

Collection Specs:
> Fingerprint: 1 x 1 in., 500 ppi forensic-quality optical sensor
> Face: 2 megapixels
> Card Readers: Detachable magnetic-stripe reader ISO 7811, contactless smart card MiFare/DESFire/EV1, MiFare Plus reader ISO 14443a, contact smart card reader ISO 7816
> Voice: Integrated microphone and speaker

Performance Specs:
> Operating System: Windows® CE
> On-Device Data Storage
> On-Device Fingerprint Matching Capability
> WSQ Compression Ratio: 15:1

Methods of Transmission:
> GSM/GPRS/EDGE/UMTS or CDMA EV-DO
> GPS tagging
> IEEE 802.11b/g
> Bluetooth v2.0
> 3G wireless data communication

Certifications:
> FBI PIV-071006 Mobile ID SAP 30
> FIPS 201 PIV Standard
> TWIC compliant

FC CE RoHS compliant

Device Management Software:
> MiY Security Manager
> MiY Device Admin Tool

Accessories:
> AC/DC power adapter, black woven nylon carrying case with reinforced lining, stylus, microfiber cleaning cloth