

IXM MYCRO

Simple Fingerprint and Card Access Control for Security.

MYCRO offers everything you would expect in a high-end biometric device without over-complicated add-ons and workflows. What makes MYCRO exquisite is the combination of its incredible biometric matching speed of less than 1 second, and its rugged construction to withstand whatever your business throws its way. MYCRO's extraordinary performance is powered by a 512MB DDR3L RAM and an 800 MHz Cortex A8 Engine, both of which support this solution's flexibility for any situation.

MYCRO delivers electrifyingly fast biometric matching (10,000 matches in 1 second) and incorporates all the features you'd expect to find in a high-end device including Anti-Shock Vandal Protection, Transaction Logs, Access Schedules and Internal Relay for Single Door Access Control. The Made in Canada construction ensures unparalleled quality and miraculous cost-effectiveness that speaks for itself. Extremely flexible in its configuration, the MYCRO can accommodate the needs of any application.



TECHNICAL SPECIFICATIONS

Processor	ARM Cortex A8 - 800 MHz
RAM	512 MB DDR3L @ 303 MHz
Flash Memory	512 MB
Operating System	Android & Secure Linux
Fingerprint Sensor	500dpi Optical Sensor
Communication Options	TCP/IP, RS - 232, USB Aux, RS-485 (OSDP v2)
Ethernet	100BASE-T
USB	USB 2.0 (OTG)
Wiegand	Customizable up to 512 bits
# of SPOs / SPIs	3 & 3
Panel Feedback	Available (2 Physical Lines)
Door Access Controller	Relay rating 2A@24VDC (1 Output, 2 Input, 1 Relay)
Anti Shock Vandal Protection	Standard
LEDs	RGB (Power & Status)
Audio	Multi-tone Buzzer
1:N Users (Fingerprint)	10K users (20K biometric records)
1:1 Users (Fingerprint)	25K users (50K biometric records)
Template Storage (Privacy)	Configurable – On Device, Server or Card
Matching Speeds	< 1 second
# of Transaction Logs	100,000
Power Supply	12 VDC@1A, 24 VDC@0.5A
Environmental Rating	IP65, IK08
Operating Temperature	-20° to +60° C (-4° to 140° F)
Relative Humidity	0-95% non-condensing
Regulatory Approvals & Certificates	FCC, CE, RoHS, UKCA, BIS
Dimensions	168 mm x 48 mm x 44 mm (L x W x D)

DIMENSIONS



DEVICE MODELS

Product	Model	Color
MYCRO	FP1 Fingerprint + No RFID Reader	Black & Chrome
	FP2 Fingerprint + RFID Reader† (EM Prox / MiFARE / DESFire)	
	FP3 Fingerprint + RFID Reader† (HID Prox)	
	FP4 Fingerprint + RFID Reader† (iCLASS / MiFARE / DESFire)	
	FP5 Fingerprint + RFID Reader† (EM Prox / HID Prox / iCLASS / MiFARE / DESFire)	

More Details



†EM Prox - 125 KHz (4100, 4102, 4200)

HID Prox - 125 KHz (ProxCard II)

iCLASS - 13.56 MHz (iCLASS Standard, iCLASS SE/SR/SEOS)

MiFARE - 13.56 MHz (MiFARE Classic, DESFire, DESFire EV1/EV2*)

*DESFire EV2 cards are supported by having backward compatibility of DESFire EV1 cards.