



MYCRO

Small. Simple. Amazingly Powerful.

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. Its extraordinary performance is fueled by a 512MB DDR3L RAM and a 800MHz Cortex A8 engine, and 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.



800MHz
PROCESSOR



ANTI-SHOCK
VANDAL PROOF



IP65 RATED



ALL CARDS
ACCEPTED



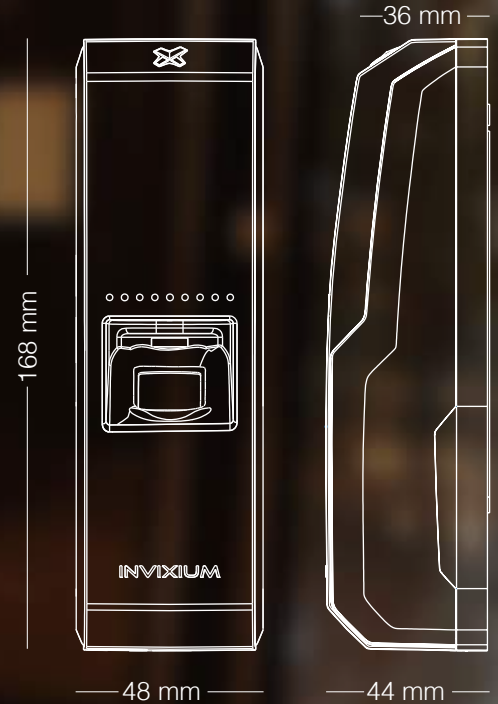
PANEL
FEEDBACK



Technical Specifications

Processor	ARM Cortex A8 - 800 MHz
Random Access Memory	512 MB DDR3L @ 303 MHz
Flash Memory - NAND	512 MB
Operating System	Android® OS 4.1.2
Serial Communication	RS - 232, USB - Aux RS - 485 (OSDP Compliant)
Ethernet	100BASE-T
Wiegand	Customizable up-to 512 bits
USB	USB 2.0 On - The - Go (OTG)
# of SPOs & SPIs	3 & 3
Door Access Controller	1A (1-Output, 2-Input, 1-Relay)
Anti-Shock Vandal Protection	Standard
LEDs	1 (Power & Status)
Audio	Multi-tone Buzzer
1 : N Users (Records)	10K users (20K biometric records)
1 : 1 Users (Records)	25K users (50K biometric records)
# of Transaction Logs	100K
Device Voltage & Current	12V DC @ 1A, 24V DC @ 0.5A
Operating Temperature	-20° C to +60° C (-4° F to +140° F)
Relative Humidity	0% ~ 95%, non condensing
Regulatory Approvals and Certificates	FCC, CE, RoHS, IP65

Dimensions



Device Models

MYCRO	Sensor	Model
	FP	1
		2
		3
		4
		5

How to Order

MYCRO	FP	2
MYCRO	Optical Sensor	Fingerprint + Card Reader† (EM Prox / MIFARE / DESFire)

- FP - Optical Sensor
- 1 - Fingerprint only
- 2 - Fingerprint + Card Reader† (EM Prox / MIFARE / DESFire)
- 3 - Fingerprint + Card Reader† (HID Prox)
- 4 - Fingerprint + Card Reader† (iCLASS / MIFARE / DESFire)
- 5 - Fingerprint + Card Reader† (EM Prox / HID Prox / iCLASS / MIFARE / DESFire)

†EM Prox - 125 KHz (4100, 4102, 4200)
HID Prox - 125 KHz (ProxCard II)
iCLASS - 13.56 MHz (iCLASS Standard, iCLASS SE)
MIFARE - 13.56 MHz (MIFARE Classic, DESFire, DESFire EV1/EV2)

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