

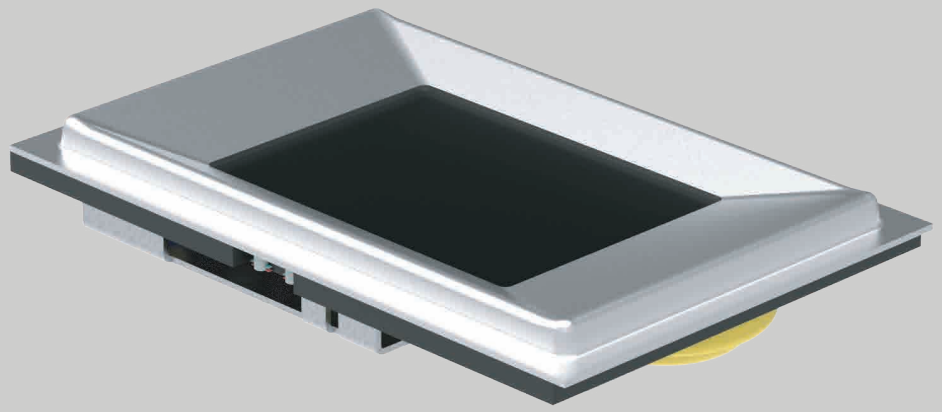
# Slick Fingerprint Scanner

Model : MAPRO CX | OEM Module / Sensor : MOPv6.0

MANTRA

## Benefits

- Scratch resistant
- Higher accuracy
- Easy integration
- Best image quality
- Easy-to-use



## Features



FAP10 fingerprint device



MINEX compliance extractor



Lower FAR and FRR



Supports multiple devices



500 DPI capacitive fingerprint sensor



High speed USB 2.0 interface with plug and play



Scratch free sensor surface



FBI PIV Certified

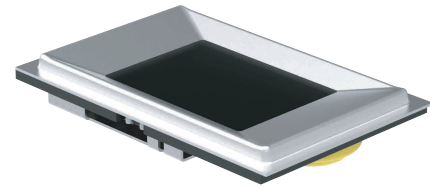


Finger Detection Sensor on Function

# Slick Fingerprint Scanner

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Mapro CX is a secure and reliable fingerprint scanner for precise identification, verification and authentication process. Mapro CX captures high-resolution fingerprint images with the most rugged and advanced capacitive sensor. The device supports MINEX compliance extractor and a FAP10 compliant fingerprint device.



## At a Glance

### Sensor Characteristics

Parameters	Specification
Fingerprint Sensor	: Advanced Capacitive Sensor
Spatial Resolution	: 500 DPI +/-2%
Sensing Area	: 12.8 mm x 18 mm
Image Size	: 256 x 360 Pixels
Image Grayscale	: 256 (8 - Bit Gray Level)
Maximum Acquisition Time (Placement to Template)	: < 2 sec
Approx Dimensions (L x W x H)	: 35 x 24 x 6.5 mm
Approx Weight	: 0.007 Kg

### Electrical Characteristics

Parameters	Specification
Operating Voltage	: 5V +/- 5% (USB Powered Device)
Operating Current (max)	: 60 mA
Stand by Current (max)	: 50 mA
Interface	: USB 2.0 / Serial TTL

### Environmental Characteristics

Parameters	Specification
Operating Temperature	: 0 to 50 degC
Storage Temperature	: 0 to 50 degC
Humidity (Operating / Storage)	: < 90% RH, Non-condensing

### Compliant to Following Standard

Parameters	Specification
Biometric Data Interchange Format	: ISO 19794-2 for minutiae & ISO 19794-4 for Image Template
Environmental, Health and Safety	: RoHS Certification
BIS	: IS 13252 (Part 1)
Safety	: IEC60950
EMI / EMC Compliance	: CE & FCC Class A
*Image Quality Certificate	: FBI PIV Certified, Mobile ID FAP10
IP Rating	: IP67 (Platen Area)
Device Driver	: WHQL Certified
OS Supports	: Window x86 & x64, Linux, Android

\*Applied for certification