

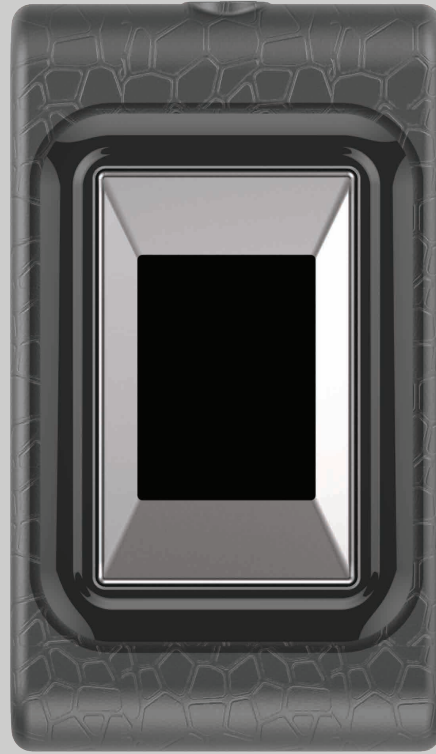
Slick Fingerprint Scanner

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

MANTRA

Benefits

- Scratch resistant
- Higher accuracy
- Easy integration
- Best image quality
- Higher usability



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



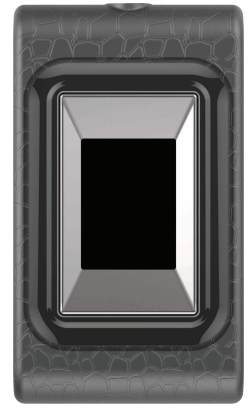
FBI PIV Certified



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 which is 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) | : 58 x 33 x 11 mm |
| Approx Weight | : 0.040 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 |

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 Certificates | : 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