MOXA71

Portable Biometric
Rugged Terminal for Identification

Barcode Scanner	NFC	Fingerprint Scanner	SAM Slot	Camera	3G / 4G	Inbuilt WiFi	LAN
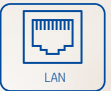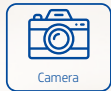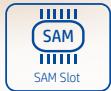
Mantra Softech is a Global Hi-Tech Manufacturer of Biometric Products and Solutions. We Offer a Wide Range of Products in Biometric and RFID Industry.

Biometric Device **MOXA71**

An Elegant Hand Held Device **MOXA71**

MOXA71 is a portable biometric rugged tablet that is packed with STQC L1& FBI PIV Certified FAP10 Fingerprint Scanner to meet diverse biometric identification project needs. The device is equipped with a reliable fingerprint scanner and camera to capture high-quality images and includes a stunning 7-inch display. MOXA71 also supports various communication methods, including GPRS, 3G, 4G TDD, WIFI, BLE, Ethernet and USB.

Every biometric application requires a reliable device to fulfill its application requirements successfully. MOXA71 is the most reliable biometric terminal in the market . The device features the accuracy, reliability, and durability that you need for any biometric identity management application. MOXA71 includes an amazing 8MP AF Back camera with High brigthness Flash LED for clear face capture and it works very seamlessly to scan Bar codes & QR code.

Features

- IP65, Shockproof Rugged Design
- Portability & Mobility
- Wireless Connectivity over Wi-Fi, Bluetooth and 3G/4G Network
- 9000 mAh Battery Backup for Field Application
- microSD Card Slot Supporting upto 256GB Storage
- Audio Announcements using Good Quality 1W Speaker
- GPS for Location Tracking
- STQC L1& FBI PIV Certified FAP10 Fingerprint Scanner

- Barcode, QR Code Reader
- 8MP AF camera with High brigthness Flash LED
- Customized Android Operating System
- Device is Easy to use for Handheld Application
- CE, BIS, RoHS Certified Device
- Ethernet/LAN Connectivity (Optional)
- Contactless/Smart Card Reader (Optional)
- 2MP Fixed Focus Front Camera (Optional)
- SAM Module (Optional)

TYPICAL USE CASES

Identity Authentication	Citizen Enrollment & Verification	Law Enforcement & Security
Humanitarian Aid & Relief Management	Banking & Retail KYC	Time & Attendance Management
		Border & Access Control

Features **At A Glance**

Camera(Optional)
2MP Front Camera

Display
7" IPS LCD with resolution
(1024 X 600) with 16M colors

Protection Guard
Rubber Case
(1.0m Drop Protection)

**Control Switch
and Buttons**
1x Power On/Off

Fingerprint Scanner
STQC L1& FBI PIV Certified
FAP10 Fingerprint Scanner

**Contactless
Card Reader (Optional)**
ISO14443 Type A/B Cards,
Mifare 1K

Battery
9000 mAh
Li-Ion Battery

Dual SIM 3G/4G

Secure Access Module (SAM)

TF Card

Camera + Flashlight
8MP AF + LED Flash

Use Case
Handheld Grip

DC Power Jack
RJ45 Ethernet
USB Type-A
Micro USB OTG
Reset Switch

Technical Information

- **Configuration**
  CPU : ARM Cortex A53@2.0GHz,
  Quad Core Processor,
  RAM : 4GB RAM,
  Operating System : Android 14
- **Storage**
  32GB eMMC
- **Display**
  7" IPS LCD + Touch Screen with
  Toughen Glass
- **Fingerprint Scanner**
  STQC L1& FBI PIV Certified
  FAP10 Fingerprint Scanner
- **Contactless Card Reader(Optional)**
  13.56 MHz Contactless Card Reader,
  ISO14443 A & B, MIFARE Classic (1K
  & 4K), MIFARE Ultralight, MIFARE
  DESFire
- **Barcode & QR Code**
  1D & 2D Supported Camera Based
  Bar Code & QR Scanner
- **Waterproof & Dustrproof**
  IP65
- **Shockproof**
  1.0m Falling Rugged Device

- **Wi-Fi**
  IEEE 802.11 a/b/g/n/ac with Flex antenna
- **Dual SIM 2G/3G/4G**
  2G GSM/GPRS/EDGE : 850/900/1800/1900
  3G WCDMA : B1/B2/B5/B8
  4G FDD: B1/B3/B5/B7/B8/B38/B40/B41
  4G TDD: All Band
- **GPS**
  16 Channel NMEA Compliant with Flex
  Antenna, AGPS Supported
- **Bluetooth**
  BT & BLE 5.0 with Flex Antenna
- **Battery Pack**
  Li-Ion 9000 mAh Rechargeable &
  Replaceable Battery
- **Camera**
  2MP Fixed Focus Front Camera(Optional)
  8MP AF Rear Camera with High brigthness
  Flash LED
- **USB**
  1 x USB2.0 Type A
- **microSD**
  1 x microSD Card Slot Support upto 256GB
- **DC Jack**
  1 x DC Power Input

- **Ethernet(Optional)**
  10/100 Mbps
- **SAM Socket(Optional)**
  2 x SAM Card
  (As per ISO7816 standard)
- **Power Adaptor**
  90~275V AC, 50/60 Hz
- **SIM Socket**
  2 x Micro SIM Socket
- **Environmental condition**
  Operating temp. : 0 – 45 Deg C,
  Storage temp. : 0 – 45 Deg C,
  Humidity : Non-Condensing
  10% - 90% RH
- **Accessories**
  Power adaptor, Hand & Shoulder Strap
  & Protective Cover
- **Dimension**
  250 X 141 X 49 mm
- **Weight**
  Approx 0.7 kg
- **Audio**
  High-Quality 1W Speaker for
  Announcements

Certifications :

CE | BIS | RoHS | IP65

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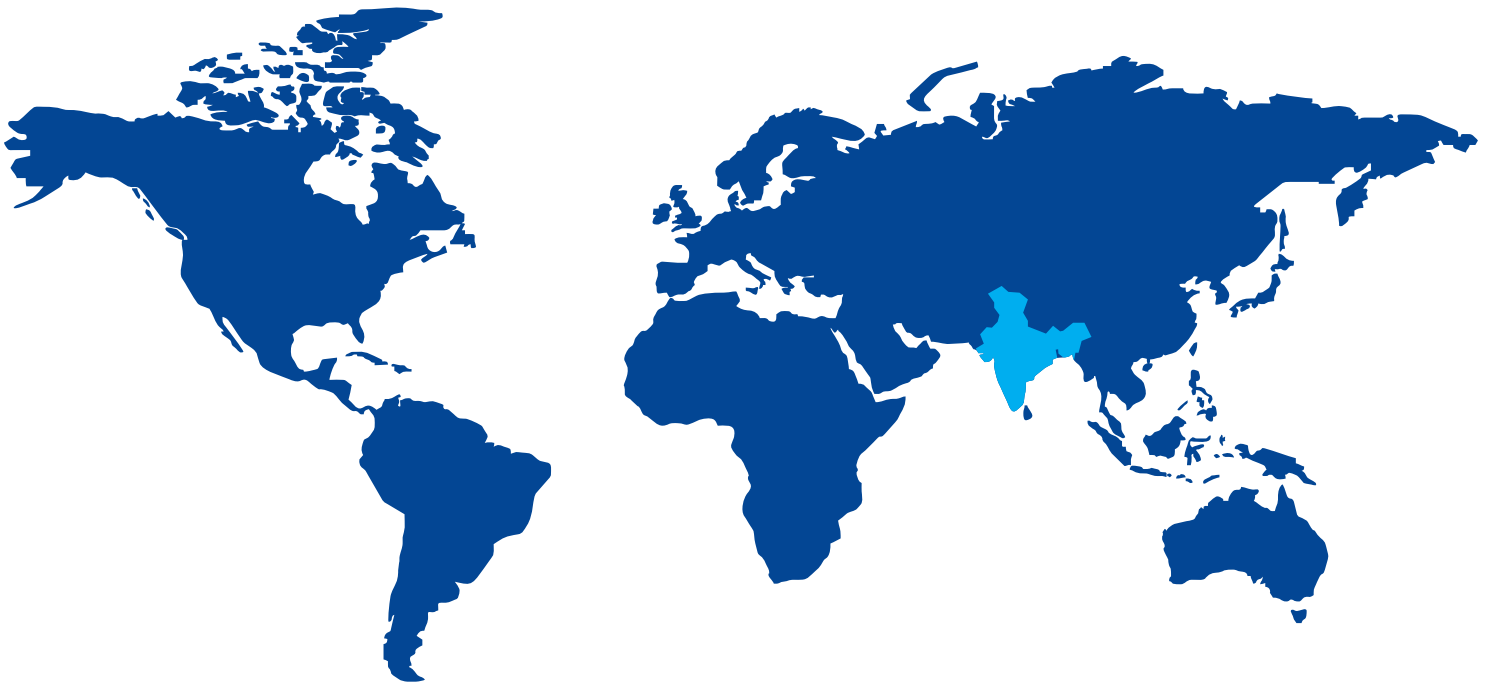
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