MANTRA

MOXA73

Portable Biometric Rugged Tablet for Identification

Barcode | NFC | Fingerprint | 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.



www.mantratec.com

Biometric Device **MOXA73**











An Elegant Hand Held Device **MOXA73**

MOXA73 is a portable biometric rugged tablet that is packed with features to meet diverse biometric enrollment and 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. MOXA73 also supports various communication methods, including GPRS, 3G, 4G, WIFI, BLE , USB and an Optional Ethernet (RJ45) Connection.

Every biometric application requires a reliable device to fulfill its application requirements successfully. MOXA73 is the most reliable biometric tablet in the market . The device features the accuracy, reliability, and durability that you need for any biometric identity management application. MOXA73 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
- FBI PIV Certified 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 Registration & Authentication
- Citizen Enrollment & Verification
- Law Enforcement & Security
- Humanitarian Aid & Relief Management
- Banking & Retail KYC
- Time & Attendance Management
- Border & Access Control

Features At A Glance



Front Camera (Optional)
2MP Fixed Focus Camera

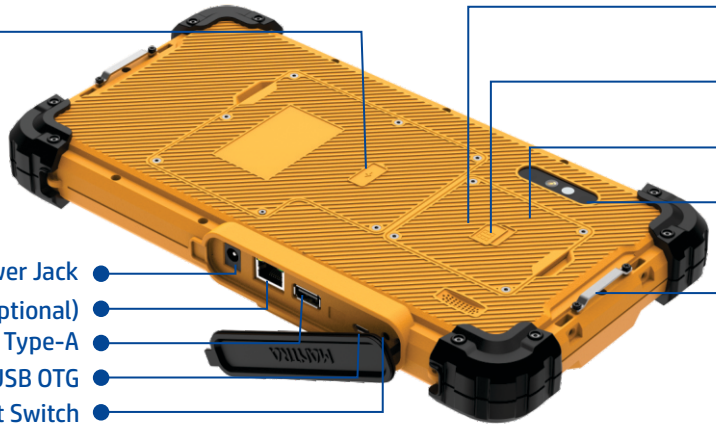
Display
7" IPS LCD + Touch Screen with Toughen Glass

Protection Guard
Rubber Case (1.0m Drop Protection)

Power On/Off Button

Fingerprint Scanner
FBI PIV Certified FAP30

Contactless Smart Card Reader (Optional)
13.56 MHz Contactless Card Reader, ISO14443 A & B



Battery
9000 mAh Li-Ion Battery

Secure Access Module (SAM)

Dual Micro SIM 3G/4G

Micro SD Card

Camera + Flashlight
8MP AF + LED Flash

Use Case
Hand Strap Belt

DC Power Jack

Rj45 Ethernet (Optional)

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**
  FBI PIV Certified FAP30
- **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
- **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 4.0/5.0 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**
  2 x SAM Card
  (As per ISO7816 standard)
- **AC/DC Adapter**
  Input AC : 90~275V, 50/60Hz
  Output DC : 5V/3A
- **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**
  286 X 156 X 34 mm
- **Weight**
  Approx 0.9 kg
- **Audio**
  High-Quality 1W Speaker for Announcements

Certifications :

CE BIS RoHS IP65

MANTRA

www.mantratec.com



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