EKEMP

M8-S

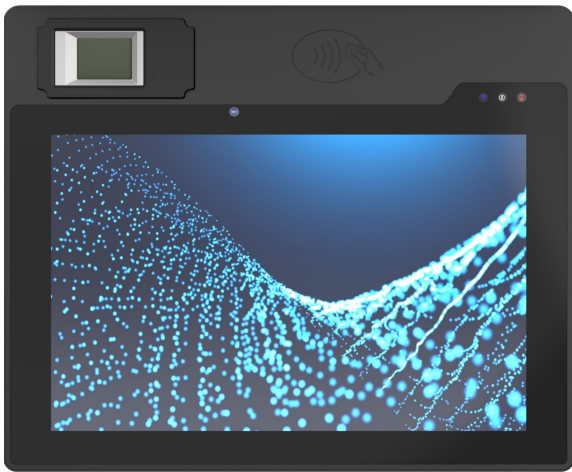## Biometric Tablet with EM62 Fingerprint Sensor

The M8-M tablet has been created through the integration of EKEMP's project expertise and customer feedback. Equipped with multifunction modules such as fingerprint scanners, contact/contactless card readers, and iris scanners, the tablet offers a powerful solution that can cater to diverse identification project requirements.

Product Feature

- 8 Inches 1280×800 Resolution Touch Screen
- 64 bit Quad Core fast processing CPU.
- Integrated EKEMP EM62 Fingerprint Scanner, FBI certified, FAP20 500DPI, Live Detection
- Iris scanner available
- Multiple communication method: GPRS, 3G, 4G LTE, WIFI, bluetooth.
- Built-in contactless card reader supporting MIFARE card, CPU card, NFC and E passport reading.
- Built-in contact card reader supporting CPU card reading.
- 8,000mAh Large Volume Li-on battery
- PSAM Card support
- Barcode Scanning Supported via Camera

Applications

Biometric Registration

Voter Verification

National Identity Application

E-KYC

Law Enforcement

Border control

Time Attendance

Access Control

Specification

Item	Specification
Operation System	Android 11
CPU	ARM Cortex A53 Quad Core 2.0Ghz
Memory	RAM 2GB ROM 16GB, Optional RAM 3GB ROM 32GB, RAM 4GB ROM 64GB
Screen	8" 1280x800 pixels IPS Capacitive Touch Screen EM Film supported as option for signature capturing
Communication	Wi Fi: 802.11 a/b/g/n 2G: GSM/GPRS/EDGE 3G: WCDMA HSPA UMTS 850/900/1700/1900/2100Mhz 4G: EU Version FDD (B1/3/5/7/8/20/28A/28B) TDD (B38/39/40/41) AM Version FDD (B2/4/5/7/8/12/17/28a&b/66) TDD (B38/40) Bluetooth: 5.0
HD Camera	5 Mega Pixels(Front Camera, Optional) 8 Mega Pixels with Flash light, Auto Focus (Rear Camera) 13 Mega Pixels with Flash light(Optional), Sony Camera Sensor
GPS(Optional)	GPS/AGPS
Fingerprint Scanner	**EKEMP EM62**, Active Thermal, 500DPI, with Live Detection Technology, MOSIP Compliance and PCI 6.0, Templates Compliant with ISO/IEC 19794-4, WSQ, and JPEG2000, FBI Certified, FAP20 Image Size: 256x360 pixels
Iris Scanner(Optional)	Dual Infrared LED, Image Format, ISO19794-6
Smart Card Reader(Optional)	ISO7816, CPU card reading supported
RFID Reader(Optional)	13.56MHZ, ISO14443 Type A/B, Mifare, Contactless CPU Card, ePassport Reading Supported, NFC Supported etc
SAM(Optional)	1xSAM Card Slot, ISO 7816−compliant (Class A)
SIM Slots	2x nano SIMs Card Slot
SD Card	Micro SD, maximum=256GB
Interface	USB Type C(OTG Supported), DC for charging
Battery	8,000mAh Li-ion Rechargeable Battery
Charging	D/C and Type C 5V, 2.5A
Accessories(Optional)	Hand strip
Dimension	220x132x26.5mm

* Optional features require confirmation. The specific parameters are subject to the final order.