













## Applications

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

## Features

- |   |  |  |
|---|--|--|
|  Shockproof Rugged Design                     |  Barcode Code Reader      |  QR Code Reader                 |
|  Ethernet / LAN Connectivity                  |  8000 mAH Battery Backup  |  IP65 Protection                |
|  STQC & FBI PIV Certified Fingerprint Scanner |  Android Operating System |  SAM Module for Data Encryption |
|  GPS for Location Tracking                    |  |  |

# Portable Rugged Biometric Terminal MOXA7



MOXA7 is a portable rugged biometric terminal that is packed with features to meet your 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. MOXA7 also supports various communication methods, including GPRS, 3G, 4G LTE, WIFI, BLE, Ethernet, and USB.

Every biometric application requires a reliable device to fulfill its application requirements successfully. MOXA7 is the most reliable biometric terminal in the market with its IP65 rating for water and dust protection. The device features the accuracy, reliability, and durability that you need for any biometric identity management application. MOXA7 includes an amazing 5 Megapixel auto-focus camera with the flashlight for clear face capture, and it works very seamlessly to scan Bar codes & QR code.

## At a Glance

### Hardware & System Requirements

Parameters	Specification
Dimensions	: 248.5 x 141.0 x 49.5 mm
Weight	: Approx 0.750 kg
CPU	: 1 GHz, 64-bit ARM Cortex-A Quad-Core Processor
RAM	: 1GB RAM
Storage	: 8 GB Flash Memory, Supports Micro SD Card up to 32 GB
Display	: 7" IPS LCD with 1024x600 Resolution, Multi Point Capacitive Touch Screen with 6H Toughen Glass
Camera	: 2MP Front Camera & 5MP Auto Focus Rear Camera with Flash LED
Operating System	: Customized Android OS / GMS Certified Android OS (optional)
Control Switch & Buttons	: 1x Power On/Off
Fingerprint Scanner	: PIV/STQC Certified FAP10 Optical Fingerprint Scanner (FAP20 Optional)
Reader (optional)	: 13.56 MHz Contactless Card Reader Mifare, ISO14443 A & B
Barcode & QR Code	: 1D & 2D Supported Camera Based Barcode & QR Code Scanner
Waterproof & Dustproof	: IP65
Shockproof	: 1.0M Falling Rugged Device
Use Case	: Wall Mount & Handheld Grip (optional)
AC/DC Adapter Input AC	: 100~240V, 50Hz ; Output DC: 5V/3A
Battery Pack	: Li-Ion 8000 mAH Battery

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## Environmental Conditions

Parameters	Specification
Operating Temperature	: 0 - 50 Deg C
Storage Temperature	: 0 - 50 Deg C
Humidity	: Non-Condensing 10% - 90% RH

## Interfaces

Parameters	Specification
3G / 4G	: 2G (900/1800), 3G (B1/B8), 4G (B3/5/40)
Wifi	: IEEE 802.11b/g/n
Bluetooth	: Yes
GPS	: 16 Channel NMEA Compliant
Ethernet	: 10/100 Mbps
USB	: USB2.0 Type A and Micro USB OTG Supported
Micro SD	: 1 x Micro SD Card Slot Support upto 32GB
SIM Socket	: 2 x SIM Socket
DC Jack	: 1 x DC Power Input
SAM Socket	: 1 x SAM Card

## Certifications

Parameters	Specification
Certifications	: CE, RoHS, BIS, IP65