RUGTEK

MPOS 800

All-In-One Rugged Transaction Terminal

Lightweight, Integrated and Ergonomic Design for easy handling

MPOS800 Device is a Lightweight Integrated Terminal with all the modules required for a Mobile Point of Sale built into a sleek monolithic design.It houses an Aadhar Compliant Fingerprint Scanner, a 2" Thermal Printer, 2D Barcode Scanner, Magnetic Swipe Card Reader (MSR), Contact and Contactless IC Card Reader and an UHF RFID Reader (Optional).

Android OS 6.0 provides a powerful platform for multiple Applications

MPOS800 runs the latest Android OS 6.0 ensures that there is flexibility for Application development suited for different use cases on the field right from Financial Inclusion Application to Van Sales, Field Sales Automation and many others.

Powered by Quad-Core 1.2GHz Processor for Faster Transactions

The power-packed Qualcomm Quad Core 1.2 GHz processors with 1 GB RAM and 8 GB ROM enables the highest degree of future-proofing capability. This industrial grade superscalar multi-engine processor offers faster performance with lower power consumption providing the speed and reliability

Rugged Terminal designed to withstand tough field conditions

The Mobile Transaction Terminal's tough and durable casing is built to withstand multiple 4 feet drops to concrete and 500 times 0.5 m tumbles. This is also an IP54 rated device designed for dust and moisture protection. The high level of durability ensures minimal business downtime while also reducing the repair and maintenance costs.

Reliable High-Speed Cellular Connections coupled with WiFi and GPS

The MPOS800 provides seamless high-speed connectivity with WWAN radio options with voice and data support including LTE, UMTS and Flexible Network UMTS/CDMA, as well as 802.11 b/g/n, Bluetooth Low Energy (BLE 4.0), and GPS with GLONASS support

Ready for Alternate Payment Systems

MPOS800 has support for Near-Field Communication (NFC) and Bluetooth Low Energy 4.0 (BLE) technologies that are creating a new wave of Payment Methods. There is support for both Contact IC and Contactless IC Cards too inbuilt to ensure that the device is truly an All Integrated Transaction Terminal.

Quad up to 1.2G Qualcomm	**RAM/ROM** 1GB / 8GB	**ANDROID 6.0**	**AADHAAR** AADHAAR Compliance FP & IRIS (STQC)	**DAYLIGHT READABLE**	**4" SCREEN CAPACITIVE CORNING GORILLA GLASS 3**	**4G LTE**	**802.11 a/b/g/n BLUETOOTH**
NFC	**2D Scanner**	**8M REAR**	**Chip Card Reader ISO / IEC**	**Built-in GPS**	**3000mAh 4000mAh**	**IP54**	**1.5M(5ft)**

Technical Specifications

Physical characteristics
Dimensions: 180mm*75mm*33/46mm
Weight: 420g (14.8 Oz)

Environmental
Operating: -10°C to 50°C (14°F to 122°F)
Storage: -20°C to 70°C (-4°F to 158°F)
Relative Humidity: 5% ~ 95% (Non-condensing)
Rain & Dust Resistance: IP54
Tumble Test: 1000 times @ 0.5m (1.64 ft)

Battery & Power
7.4V, 3000 mAh, Li-ion rechargeable and removable
MTBF no less than 10000 hours
AC/DC Adapter: DC 12V/2A

Operating System
Google Android 6.0 Marshmallow

Micro-Processor
Qualcomm 8909, 1.2Ghz, Quad Core

Memory and Storage
Memory: 1GB RAM
ROM: 8GB
T-Flash/Micro SD Card, up to 32GB

Display
4 inch TFT LCD, Resolution 800*480
Corning Gorilla Glass 3, Daylight readable, Wide
viewing angle, Capacitive touch Screen

Standard Communications
Mini USB OTG,USB 2.0 HS compatible

Camera
Rear 8.0M Pixels, Auto Focus with Flash

Keypad Options
17 Keys

Biometric
Biometric Fingerprint Sensor 508 dpi
STQC Certified Aadhar Compliant

Wireless WAN Options
GSM: 850/900/1800/1900WCDMA:B1/B2/B5
CDMA: BC0
TDS-CDMA:B34/B39
TDD-LTE:B38/B39/B40/B41
FDD-LTE:B1/B3

Wireless LAN
IEEE 802.11b/g/n

Wireless PAN
Bluetooth Low Energy 4.0 (BLE)

Global Positioning System
GPS,GLONASS supported,10m

NFC (Near Field Communcation)
ISO/IEC 14443A
ISO/IEC 14443B
ISO 15693 supported

Magnetic Stripe Reader
ISO7811 3-Track Magnetic Swipe Card Reader

Integrated Barcode Reader (Optional)
1D/2D Imager Scanner : supports all 1D/2D standard
Symbologies including GS1 Databar

Printer
58mm, thermal printer,print speed 40mm/s

Audio Support
Headphone: 3.5mm
Speaker, Voice Call.

Contact IC Card
Contactless IC Card: ISO/IEC 14443 Type A/B,
ISO15693
Contact IC Card: Compatible with ISO 7816-3 and
EMV4.2 payment standard

Accessories
Spare Battery
USB Charger with Power Adaptor

Standard accessories

AC/DC Power Adaptor

Standard Battery

Stylus Pen And Tether

Wrist Strap

LCD Protection Film

Solutions

Bank Teller Fingerprint Identity Authentication System

Police traffic offence e-challan

Goverment Utility PDS / DBT

Barcode Scanning & Communication

Warehousing, Transportation & Logistics Solution

Check In & Check Out Solution

Park Charging Solution

Identity Solution

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