

P3



SPECIFICATION

Processor

Quad-core Cortex-A53 1.3GHz (Processor capable of perForming Finger Print, IRIS Authentication With AUA/ASA/UIDAI servers)

Memory

2GB RAM + 16GB ROM

OS

Android 10 Device Operating System Support HTML5 Based Web Browser, CSS3, Java Scripts

Display

5-inch IPS Display With Capacitive Touch Screen, 1280*720 pixels resolution

Status Indication

Power ON, Communication ON, Battery, signal strength on LCD

Battery

Rechargeable 7.4V/2600mAh, Li-ion Polymer battery capable of providing Minimum 8-10 hours of Operation while all function of device active

Adapter

Power Adaptor with Surge Protection and operating range 100 to 240V, 50Hz AC input. Output 5V/2A

Peripheral Ports

1*Type-C (OTG), 1*Micro-SD slot up to 32GB, 3*USB 2.0, 1*RJ45(Ethernet)

Physical Key

15* Physical Numeric keys, Touch screen keyboard, Physical QWERTY keyboard(External), 2*Volume key, 1*ON/OFF key

Camera

5MP with Flash

Card Slots

2 x SIM slots, 2 x SAM Card Slots

Printer

2-inch Integrated Thermal Printer capable of text and image printing

Card Reader

Magnetic Card Reader, Smart Card Reader, Contactless Card Reader (Inbuilt Contactless Smart Card Reader- ISO 14443 Type A&B)

Finger Print Scanner

Integrated with STQC certified Finger print module

IRIS Scanner

External with STQC certified

GPS

Built-in

Unit Type

Handheld

Weighing Scale

External (Bluetooth)

Antenna

Internal antenna



Communications

4G/3G/2G, Bluetooth 4.0, Wi-Fi

Audio

1 x Speaker, 1 x Microphone, 1 x Headphone Jack

Physical

L x W x H (mm): 201.83 x 79.24 x 78.37

Weight (g): 570(including battery)

Certifications

BIS, RoHS, STQC, CE, EMV(L1,L2 & L3) and PCI PTS

Terminal Management

Remotely manageable in secured mode for software / patches updating through available communication mode

Development support

SDK kit for loading software

IP Standard

As per IP54

Add-On Antenna

Provisioned for the POS devices which will be used in remote locations and hilly areas for better signal reception and seamless transactions

Environment, Health & Safety, Durability, Humidity

Dry heat test - Operational (50 ±2 °C for 2 hrs)

Cold test - Operational (0 ±3 °C for 2 hrs)

Dry heat test - Storage (55 ±2 °C for 2 hrs)

Cold Test - Storage (-10 ±3 °C for 2 hrs)

Damp heat Cyclic - (40 °C for (12+12 hrs)), No. of cycles: 2

Drop/Free Fall Test - Unpacked, switched off and normal handling conditions (Height : 100cm, Total no. of falls : 2)

Vibration Test - Packed condition, switched off conditions (10- 150Hz, 0.15mm/2g, 10 sweep, cycles/axes)

Bump test - Packed condition, switched off condition. (1000Bumps, 40g, in vertical position)