

Key Guide

- Fingerprint
- Power connector
- Microphone(s)
- SIM Card
- Power button
- USB 2.0 Slave
- Volume button
- Camera flash
- Speaker & IRIS



Features



UIDAI/STQC Approved
Fingerprint Sensor &
IRIS Sensor



16GB Flash for Storage of
Fingerprint Templates /
Photos with Transactions



3G/4G/GPS/Bluetooth/
WiFi Connectivity



5MP AF & 2MP FF Camera
for Aadhaar QR Code Reading



Quad Core Processor &
Android OS



External Power Button,
Volume Button, SIM & SD
Card Slot, USB 2.0

Fingerprint & IRIS Handheld Scanner Device

mDESK8

mDESK8 elegantly combines fingerprint, IRIS and standard android tablet into a beautiful but rugged casing. mDESK8 comes with 2GB RAM and 16GB inbuilt memory which is expandable up to 64 GB that gives plenty of space to store around 100,000 fingerprint templates/photos and 100,000,000 transactions. With STQC certified fingerprint and iris sensors, the terminal is designed to accommodate the rising use of biometric authentication.



At a Glance

Tablet

Parameters	Specification
Processor	: Mediatek MT8735V/W Quad Core (Cortex-A53), 1.3 Ghz
Display	: 8 Inch Diagonal (800 X 1280) Wide Viewing Angle Outdoor IPS Display With Capacitive Touch
Memory	: 2 GB LPDDR3 RAM, 16GB Embedded Multi Media Card (eMMC) Micro SD Card Slot Supported, Expandable up to 64GB
Wi-Fi	: 802.11 a/b/g/n 2.4GHz Supported
GPS	: Integrated GPS Supports A-GPS, GLONASS, Geo Tagging
Connectivity	: Bluetooth® 4.0 + LE Connectivity
4G/LTE	: (GSM 850/900/1800/1900, WCDMA B1&B8, LTE (Band 3 & 40))
Speaker	: 1.2 W Internal Speaker
Slot	: Micro SIM card Slot, Micro SD Card Slot, Expandable up to 64GB
Port	: External 3.5mm Combo Headphone/Microphone Jack, Micro USB 2.0 OTG, USB 2.0 Slave, Charging Port
Front Camera	: 2MP Fixed Focus
Rear Camera	: 5MP Auto Focus
Inbuilt Sensors	: Ambient Light Sensor, Accelerometer, Gyroscope, Proximity Sensor Supported
Certifications	: STQC, IEC60950, CE, FCC, RoHS Certified Fingerprint Sensor STQC, IEC62471, CE, FCC, RoHS Certified IRIS Sensor
External Device Support	: Bluetooth Printer & PINPAD Supported (Optional), Android™ Marshmallow 6.0
Power Supply	: 27W 5V 3A Charging AC Adapter
Battery	: 6000 mAh Li-ion Polymer, 22.8Whr
Weight	: Approx 800 Grams
Dimensions (L x W x H)	: 286 x 156 x 44 mm

IRIS Scanner

Parameters	Specification
Spatial Resolution	: > 50% @ 1.0 LP/mm
Pixel Resolution	: > 10 Pixels/mm
Image Margins Left & Right	: >= 0.6x IRIS Radius
Top & Bottom	: >= 0.2x IRIS Radius

Fingerprint Scanner

Parameters	Specification
Fingerprint Sensor	: Optical (Scratch Free Sensor Surface)
Image Resolution	: 500 DPI / 256 Gray
Sensing Area	: 16 x 18 mm
FAP	: FAP10