

Key Guide

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



Features



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 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

VNG-COB v.5

VNG-COB v.5 elegantly combines fingerprint, IRIS and standard android tablet into a beautiful but rugged casing. VNG-COB v.5 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