

RFID multi-function mid-range handheld terminal VH-H78



Product Feature:

- **Industrial and Humanized Hardware Design**

Industrial and humanized keypad design and tough 5.5 inch touch screen together with high resolution of 720*1440 display shall match high standards in logistics, express and retail.

- **Octa-Core Processor & Large Memory**

Android 10.0 OS with memory of 2GB RAM/16GB ROM or 4GB RAM/64GB ROM shall provide the highly standard experience.

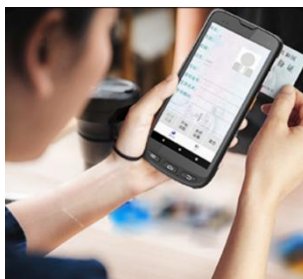
- **Superior Data Communication and Security Guarantee**

Double insurance of 4G & WIFI network and highly secured Android 10.0 system shall provide the high speed data communication and perfect security guarantee;

Application Areas:



Equipment inspection



Witness verification



Smart Manufacturing

Product parameters:

Model No.	VH-H78
PHYSICAL CHARACTERISTICS	
Dimension	166mm(H)x79mm(W)x27mm(D)±2 mm
Weight	Net Weight :400g (including battery&wrist strap)
Display	Tough 5.5 in. TFT-LCD(720x1440)touch screen with backlight
Backlight	LED backlight
Expansions	1 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.8V,4800mAh
PERFORMANCE CHARACTERISTICS	
CPU	Cortex A73 2.0GHz octa-core
Operating System	Android 10.0
Storage	2GB RAM/16GB ROM or 4GB RAM/64GB ROM, MicroSD(max 256GB expansion)
USER ENVIRONMENT	
Operating Temp	-20°C to 50°C
Storage Temp	-20°C to 70°C
Humidity	5%RH to 95%RH(non-condensing)
Drop Specifications	5ft./1.5 m drop to concrete across the operating temperature range
Sealing	IP65, IEC compliance
ESD	±15kv air discharge, ±8kv direct discharge
DEVELOPMENT ENVIRONMENT	
SDK	VANCH Demo Software Development Kit
Language	Java
Environment	Android Studio or Eclipse

DATA COMMUNICATION

WWAN	TDD-LTE Band 38, 39, 40, 41; FDD-LTE, Band 1, 2, 3, 4, 5, 7, 8, 12, 17, 20; WCDMA (850/1900/2100MHz); GSM/GPRS/Edge (850/900/1800/1900MHz);
WLAN	2.4GHz/5.0GHz Dual Frequency, IEEE 802.11 a/b/g/n/ac
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.2
GPS	GPS(embedded A-GPS), accuracy of 5 m

ACCESSORIES

Standard	1xPower Supply; 1xLithium Polymer Battery; 1xType-C cable
Optional	Cradle

BARCODE READER(OPTIONAL)

2D Barcode	2D CMOS Imager Zebra Se4710 Symbologies PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postal Codes, US PostNet, US Planet, UK Postal, Australian Postal, Japan Postal, Dutch Postal. etc.
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COLOR CAMERA

Resolution	Rear 13 megapixel, front 5.0 megapixel
Lens	Auto-focus with LED flash Auto-focus with LED flash

RFID READER(OPTIONAL)

RFID LF	Frequency 125KHz/134.2KHz(FDX-B/HDX) Protocol ISO 11784&11785 R/W Range 2cm to 5cm
RFID HF/NFC	Frequency 13.56MHz Protocol ISO 14443A&15693 R/W Range 2cm to 8cm
RFID UHF	Frequency 865~868MHz or 920~925MHz

Protocol
EPC C1 GEN2/ISO 18000-6C
Antenna Gain
Circular antenna(2dBi)
R/W Range
1.5 m to 2 m(tags and environment dependent)

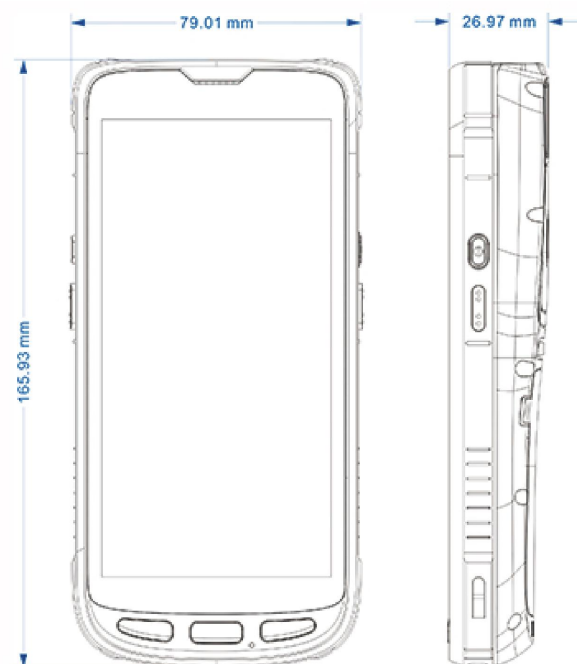
FINGERPRINT READER(OPTIONAL)

Sensor TCS1xx
Sensor type Capacitive, area sensor
Resolution 508 DPI
Performance FRR<0.008%, FAR<0.005%
Capacity 1000

PSAM SECURITY(OPTIONAL)

Protocol ISO 7816
Baudrate 9600, 19200, 38400,43000, 56000, 57600, 115200
Slot 2 slots(maximum)

Product size image:



Six views of the product:

