

Handheld Android Industrial Data Terminal

(M/N:OCBS-D5000)

Features:

Android 7.0

2G RAM+16G ROM

Gorilla 5.0 in. 720*1280 Gorilla HD Screen

Rugged IP65/1.5m Drop Tolerance

Rechargeable li-ion polymer,3.7V,4500 or 8000mAh battery

Rear Camera 8 MP, auto-focus with LED flash

HHW Software Development Kit

1D/2D Barcode Scanner(optional)

IRFID LF/HF/UHF/NFC (optional)

TCS15M Capacitive fingerprint Sensor(optional)

Specification:

Physical characteristics	
Dimension	170mm(H)x85mm(W)x23mm(D)±2 mm
Weight	Net Weight :380g (including battery&wrist strap)
Display	Gorilla 5.0 in. TFT-LCD(720x1280)touch screen with backlight
Backlight	LED backlight
Keypads	3 TP keys, 6 function keys, 4 side buttons
Expansions	2 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.7V,4500mAh,If configuration handle and UHF can be configured 8000mAh
Performance	
CPU	Quad A53 1.5GHz quad-core
Operating System	Android 7.0
Storage	2GB RAM, 16GB ROM, MicroSD(max 32GB 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, ±8kv indirect discharge
Development environment	
SDK	HHW Software Development Kit
Language	Java
Environment	Android Studio or Eclipse
Data communication	
WWAN	TDD-LTE Band 38, 39, 40, FDD-LTE Band 1,2,3, 4,7; WCDMA(850/1900/2100MHz); GSM/GPRS/Edge 850/900/1800/1900MHz);
WLAN	2.4G/5G Dual Frequency, IEEE 802.11 a/b/g/n/ac
WPAN	Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0
GPS	GPS(embedded A-GPS), accuracy of 5 m
Barcode reader(optional)	
1D barcode	1D laser engine(Honeywell N431x)
	Symbologies: All major 1D barcodes
2D barcode	2D CMOS Imager(Honeywell N6603)
	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.
Color camera	
Resolution	8.0 megapixel
Lens	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 10 cm
RFID HF	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 m to 1.5 m(tags and environment dependant)
Active 2.45GHz	Read range more than 200 m (customization)
433MHz	Read range more than 200 m (customization)
ZigBee reader(optional)	
Protocol	IEEE 802.15.4 (customization)
Reading Range	100 m to 200 m(customization)
Fingerprint reader(optional)	package
Sensor	TCS15M
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)
Accessories	
Standard	1xPower Supply 1xLithium Polymer Battery 1xDC charging cable 1xUSB data cable
Optional	Cradle,Handle, UHF gain board

More details











