

Handheld Android Industrial Data Terminal

(M/N:OCBS-D7000)

Features

- | Android 4.4.2
- | 1GB RAM, 8GB ROM
- | 4.0 in. 480*800 WVGA IPS Screen
- | 1D/2D Barcode Scanner for optional
- | RFID LF/HF/UHF/ for optional
- | Numeric & Functional Keypads
- | Support 3G/Wifi/GPS/Bluetooth
- | Rear Camera 5 MP, auto-focus with LED flash
- | Rechargeable li-ion polymer, 3.7V, 5200mAh Battery
- | Rugged IP65/1.5 m Drop Tolerance

SPECIFICATIONS

PHYSICAL CHARACTERISTICS

Dimension	158mm(H)x75mm(W)x28mm(D)±2 mm
Weight	Net Weight :300g (including battery&wrist strap)
Display	4.0 in. TFT-LCD(WVGA 480x800) touch screen with backlight
Backlight	LED backlight
Keypads	3 TP keys, 17 function keys, 4 side buttons
Expansions	2 PSAM, 1 SIM, 1 TF
Battery	Rechargeable li-ion polymer, 3.7V, 5200mAh

PERFORMANCE CHARACTERISTICS

CPU	Cortex A7 1.2GHz dual-core
Operating System	Android 4.4.2
Storage	1GB RAM, 8GB 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	WCDMA(850/1900/2100MHz), GSM/GPRS/Edge 850/900/1800/1900MHz)
WLAN	IEEE 802.11 b/g/n

WPAN Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0
GPS GPS(embedded A-GPS), accuracy of 5 m

DATA CAPTUEER

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 5.0 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

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	Carry Case



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