Rugged Handheld Android Industrial Data Terminal OCBS-D7000

Feature

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

Specification

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 CHARACTERSTICS		
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℃ to 50℃	
Storage Temp.	-20℃ to 70℃	
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 CAPTUER		
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	