

Handheld Android Industrial Data Terminal

(M/N:OCBS-A100)

Features:

1. Qualcomm Quad core Android 7.1
2. 1G RAM+8G ROM or 2G RAM+16G ROM for options
3. 4.0 in. 480*800 WVGA IPS Screen
4. Numeric&Functional Keypads
5. Support 4G Communication
6. 2.4G+5G Dual mode wifi and Bluetooth
7. Rechargeable li-ion polymer, 3.7V, 3200Ah Battery
8. Rugged IP54 /1.5 m Drop Tolerance
9. 8 megapixel camera auto-focus with LED flash of optional
10. 1D/2D Barcode Scanner for optional
11. POGO PIN charging port support optional cradle
12. GPS and NFC for options
13. Do the screen shot with pressing the "switch on" and "volumn-" buttons at same time

SPECIFICATIONS		
PHYSICAL CHARACTERISTICS		
Dimension	162mm(H)x73mm(W)x20mm(D)±2 mm	
Weight	Net Weight :266g (including battery&wrist strap)	
Display	4.0 in. TFT-LCD(WVGA 480x800)touch screen with backlight	
Backlight	LED backlight	
Keypads	3 TP keys, 23 function keys, 4 side buttons	
Expansions	2 SIM, 1 TF	
Battery	Rechargeable li-ion polymer, 3.7V, 3200mAh	
PERFORMANCE CHARACTERISTICS		
CPU	Qualcomm Quad core	
Operating System	Android 7.1	
Storage	1GB RAM+8GB ROM or 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	IP54, IEC compliance	
DEVELOPMENT ENVIRONMENT		
SDK	HHW Software Development Kit	
Language	Java	
Environment	Android Studio or Eclipse	
DATA COMMUNICATION		
WWAN	TDD-LTE,FDD-LTE, B1/B2/B3/B5/B7/B8/B20/B38/B39/B40/B41	
WLAN	IEEE 802.11 a/b/g/n 2.4G+5G	
WPAN	Bluetooth v4.1+BR/EDR+BLE	
DATA CAPTURE		
BARCODE READER(OPTIONAL)		
1D barcode	1D laser engine	Mingde uE966 (Honeywell 4313 for Optional)
	Symbologies	All major 1D barcodes

2D barcode	2D CMOS Imager	Mingde ME54800 (Honeywell 3680 for Optional)
	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.
RFID READER(OPTIONAL)		
RFID HF	Frequency	13.56MHz
	Protocol	ISO 14443A&15693
	R/W Range	2cm to 8cm
ACCESSORIES		
Standard	1xPower Supply 1xLithium Polymer Battery 1xDC charging cable 1xUSB data cable	
Optional	Cradle, GPS and NFC	





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