

OCBS-A100 Android 7.0 survey scanning barcode portable data collector

(M/N: OCBS-A100)

Features:

- Qualcomm Quad core Android 7.1;
- 2G RAM+16G ROM;
- 4.0 in. 480*800 WVGA IPS Screen;
- Numeric&Functional Keypads;
- Support 4G Communication;
- 2.4G+5G Dual mode wifi and Bluetooth;
- Rechargeable li-ion polymer, 3.7V, 3200Ah Battery;
- Rugged IP54 /1.5 m Drop Tolerance;
- 8 megapixel camera auto-focus with LED flash of optional;
- 1D/2D Barcode Scanner for optional.

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	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
WLAN	IEEE 802.11 a/b/g/n 2.4G+5G
WPAN	Bluetooth v4.1+BR/EDR+BLE
DATA CAPTUEER	
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	





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