

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 CHARACTERSTICS		
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 CAPTUER		
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	Frequenc y	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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1D/2D Scanner



4G



2.4G+5G WIFI



Bluetooth



Camera



Rugged IP54



HD Big Screen

4.0 inch high quality touch screen, 480 * 800 WVGA IPS display, high resolution, full-view, visible under outdoor bright light, easy to handle in outdoor.



High quality touch screen



Full-view



High Configuration

Adopts Qualcomm quad core Android 7.1 system, 2GB RAM+16GB ROM storage, safe and stable, can run multiple applications at the same time smoothly.



Professional Scanning Code

Professional barcode scanner, with 1D/2D for option.



High Efficiency Scanning

Industrial professional barcode scanner, ability to scan incomplete barcode, wrinkle barcode, fuzzy barcode, high-light barcode, wide scanning field of view, fast and accurate scanning, highly enhance the work efficiency.



Incomplete
Barcode



Wrinkle
Barcode



Fuzzy
Barcode



High-light
Barcode



Data Transmission



4G
Communication



2.4G+5G
Dual Mode WIFI



Support Bluetooth 4.1
Backward Compatibility

Application And Secondary Development

Flexible customization of brand, model number, item code and other specification, easy to adapt to the user's existing application APP and secondary development.



Industrial Protection Design

Adopt Industrial grade raw materials, rugged IP54 /1.5m drop tolerance, satisfies the outdoor dustproof and waterproof application, truly achieve anti-fall, rugged and durable function.



8 Million Pixel Camera

Adopts 8 million pixel camera with auto focus, Optional LED flash, auto-fill light, effectively improve shooting effect under weak light.

Photo	8 Million Pixel
Video	Support
Auto Focus	Support
Auto Fill Light	Support



Long Lasting

Built in 3.7V 3200Ah rechargeable Lithium-ion Battery, can work continuously up to 10-12 hours, standby time up to 72hours, meet the high workload requirements.



Fast Charging

Professional POGO PIN interface, fast charging, reduce the loss of batteries and mainframe at the same time.



POGO PIN Interface

Portable And Easy To Use

Nice appearance, easy to hold and carry.



Industrial Handheld PDA
With keypad, long life span



With back wristband
to prevent slip

Application

Warehousing Management



Logistics



Clothing Industry



Supermarket



Library



Manufacturing Industry



Inspection Law Enforcement



Electricity Meter Reading



Food Security Inspection



Package



Relevant documents:

[*OCBS-A100 Specification](#)