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℃ 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	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	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

Android Industrial Data Terminal

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1D/2D Scanner   4G   2.4G+5G WIFI

Bluetooth   Camera   Rugged IP54

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

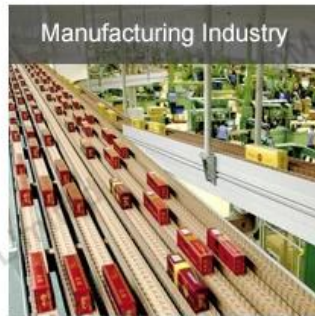Warehousing Management

Logistics

Clothing Industry

Supermarket

Library

Manufacturing Industry

Inspection Law Enforcement

Electricity Meter Reading

Food Security Inspection

Package

Model : A100
Version : A100_V7.1.2
Func : ■ Scanner ■ Camera ■ WIFI ■ BT
■ GPS □ NFC □ UHF
Scanner : □ 1D-M1 □ 1D-M2 □ 1D-M3
□ 2D-M1 ■ 2D-M2 □ 2D-M3
IMEI1: 862051020373011 IMEI2: 862051020373012

Relevant documents:

*OCBS-A100 Specification