

# Handheld Android Terminal for industrial data

## (M / N: OCBS-D7000)

### Product Description

#### Characteristics

- | Android 7.0
- | 2 GB of RAM, 16 GB of ROM
- | 4.0 in. 480 \* 800 WVGA IPS screen
- | 1D / 2D barcode scanner for optional
- | RFID LF / HF / UHF / for optional
- | Numeric & Functional keyboards
- | Support 4G / Wifi / GPS / Bluetooth
- | Rear view camera 5 MP, autofocus with LED flash
- | Rechargeable li-ion polymer, 3.7V, 5200 mAh Battery
- | Robust IP65 / 1.5 m Drop tolerance

#### DATA

##### PHYSICAL CHARACTERISTICS

|            |   |
|------------|---|
| Dimension  | 158 mm (H) x 75 mm (W) x 28 mm (D) ± 2 mm                   |
| Weight     | Net weight: 300 g (including battery and wrist strap)       |
| show       | 4.0 inch TFT-LCD (WVGA 480x800) touch screen with backlight |
| backlight  | LED backlight   |
| keyboards  | 3 TP keys, 17 function keys, 4 side keys                    |
| extensions | 2 PSAM, 1 SIM, 1 TF   |
| Battery    | Rechargeable li-ion polymer, 3.7V, 5200mAh                  |

##### PERFORMANCE CHARACTERISTICS

|                  |  |
|------------------|--|
| CPU              | Cortex A7 1.2 GHz dual-core                        |
| Operating system | Android 7.0  |
| storage area     | 2 GB RAM, 16 GB ROM, MicroSD (max 32 GB expansion) |

##### USER ENVIRONMENT

|                        |  |
|------------------------|--|
| Operating temperature. | -20 °C to 50 °C  |
| Storage temp.          | -20 °C to 70 °C  |
| Humidity               | 5% relative humidity to 95% RH (non-condensing)                    |
| Drop specifications    | 5 ft./1.5 m fall to concrete over the operating temperature series |
| Sealing                | IP65, IEC conformity   |

|     |   |
|-----|---|
| ESD | ±15kV exhaust air, ± 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 CAPTUEER

### BARCODE READER (OPTIONAL)

|             |                |  |
|-------------|----------------|--|
| 1D bar code | 1D laser motor | Honeywell N431x  |
|             | Symbologies    | All major 1D bar codes   |
| 2D bar code | 2D CMOS Imager | Honeywell N6603  |
|             | Symbologies    | PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode, Postcodes, US PostNet, US Planet, UK Postal, Australian Post, Japan Post, Dutch Post. etc. |

### COLOR CAMERA

|            |                          |
|------------|--------------------------|
| Resolution | 5.0 megapixel            |
| Lens       | Autofocus with LED flash |

### RFID reader (optional)

|         |             |                                 |
|---------|-------------|---------------------------------|
| RFID LF | Frequency   | 125KHz / 134.2KHz (FDX-B / HDX) |
|         | Protocol    | ISO 11784 & 11785               |
|         | R / W range | 2 cm to 10 cm                   |
| RFID HF | Frequency   | 13.56MHz                        |
|         | Protocol    | ISO 14443A & 15693              |
|         | R / W range | 2cm to 8cm                      |

### PSAM SECURITY (OPTIONAL)

|           |   |
|-----------|---|
| Protocol  | ISO 7816  |
| baud rate | 9600, 19200, 38400, 43000, 56000, 57600, 115200 |
| Slot      | 2 slots (maximum)                               |

## ACCESSORIES

|          |                           |
|----------|---------------------------|
| Standard | 1x Power supply           |
|          | 1xLithium polymer battery |
|          | 1xDC charging cable       |
|          | 1xUSB data cable          |
| optional | Carrying bag, Cradle      |

► [Picture Show](#)



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# OCBS-D7000





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Reliable One-Stop Supplier for POS and Auto-ID Related Products

### FAQ

#### 1. MOQ policy

No MOQ limitation for the standard products, but the unit price is different, bigger quantity better price.

For customized production, you can discuss the MOQ with our sales representative directly.

#### 2. Sample Availability & Policy

After customers confirmed the specification, we are very glad to provide samples for testing and qualification.

All samples should be paid before shipment, the samples price is a higher than mass order. When the mass order placed, we can return you the samples cost, or send you more piece products with the shipments.

You can buy the samples from us directly using t/t, western union, or paypal. And you can also buy it on our online store.

#### 3. Warranty

OCOM is dedicated to providing most cost-effective products and services with reliable quality that will meet customers'satisfaction;

We was qualified by global fortune 500 company, and we have the top 1 level trade assurance which 100% protect your money and lead time.

Our warranty of the products is about 12+1 months from the shipment normally, some designated models can have as long as 24 months warranty;

Any product within 30 days of delivery failure occurs shall be deemed invalid delivery (DOA). DOA products will give priority to the replacement, and shipped by courier.

For mass order, we would like to supply some spare parts with shipment for local quickly repair. And after that, you can returned failure parts for rework and analysis.

#### **4. Payment Terms**

For mass order, you can pay us by using T/T, LC, Western Union, Escrow or others. About samples order, T/T, Western Union, Escrow, Paypal are acceptable. Currently, you can pay using Moneybookers, Visa, MasterCard and bank transfer. You can also pay with select debit cards including Maestro, Solo, Carte Bleue, PostePay, CartaSi, 4B and Euro6000.

#### **5. Shipment**

We accept all kinds of shipping ways including: express, air, sea, truck, or pick up by customers personally.

#### **6. Customer**

Our main customers from European, Australia, and the fast growing South America, Africa, Russia...,

We have served more than 2300 customers from 159 countries, including the global fortune 500 company like Unilever, O2.....50 of them are the biggest distributor in the local territories.

#### **Why You Choose OCOM?**

- Leading One-Stop POS and Auto-ID Related Products Supplier Qualified by Global Fortune 500 Companies
- Tier 1 customers including Unilever, O2, Star...
- 2300+ Customers Cover 159 Countries;
- 11 Years OEM/ODM Experience.
- Top 1 Level Trade Assurance in POS industrial guarantee quality and shipment date
- Fast responses and professional service
- ISO, FCC, CE, Soncap, POA, BIS, and other Certificates
- 12+1 months warranty.
- Shortlisted in "China Best Employer Award"
- Belief: Integrity Based, Strive for Excellence, Win-win Cooperation

#### **Company Information**

OCOM Technologies Ltd. is the main supplier and manufacturer of POS and Auto-ID related products with TUV verified.

OCOM's products portfolio covers Thermal Printer, Barcode Printer, Dot Matrix Printer, Barcode Scanner, POS Terminal, Magnetic Card Reader, Date terminal, and other POS Peripherals products (Cash Drawer, Customer Display, POS Monitor, POS keyboard, Money counter, Electronical Scale, Thermal Paper), which are widely used for retailing, restaurant, bank, lottery, transportation, logistic, and other applications. We have ISO, CE, FCC and other required certifications.

OCOM's mission is to be the compelling choice for our partners, and our three basic beliefs are "Integrity based, Strive for excellence, Win-win cooperation". We would like to establish stable and reliable partnerships with customers all over the world. OEM/ODM is welcome.

Together we quest for the best.

