

OCBS-D5000 Android 7.0 Rugged IP65 pda RFID Reader/Barcode Scanner/NFC/UHF

(M/N:OCBS-D5000)



Features

- Android 7.0
- 2GB RAM, 16GB ROM
- Gorilla 5.0 in. 720*1280 Gorilla HD Screen
- Rugged IP65/1.5 m Drop Tolerance
- Rechargeable li-ion polymer, 3.7V, 4500 or 8000mAh Battery
- Rear Camera 8 MP, auto-focus with LED flash
- Support 4G/Wifi/GPS/Bluetooth
- HHW Software Development Kit
- 1D/2D Barcode Scanner(optional)
- RFID LF/HF/UHF/NFC (optional)
- TCS15M Capacitive Fingerprint Sensor(optional)

| SPECIFICATIONS | |
|--------------------------|--------------------------------------------------------------|
| PHYSICAL CHARACTERISTICS | |
| Dimension | 170mm(H)x85mm(W)x23mm(D)±2 mm |
| Weight | Net Weight :380g (including battery&wrist strap) |
| Display | Gorilla 5.0 in. TFT-LCD(720x1280)touch screen with backlight |

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|------------------------------|-----------------------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Backlight | LED backlight | |
| Keypads | 3 TP keys, 6 function keys, 4 side buttons | |
| Expansions | 2 PSAM, 1 SIM, 1 TF | |
| Battery | Rechargeable li-ion polymer, 3.7V,4500mAh,If configuration handle and UHF can be configured 8000mAh | |
| PERFORMANCE CHARACTERSTICS | | |
| CPU | Quad A53 1.5GHz quad-core | |
| Operating System | Android 7.0 | |
| 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 | IP65, IEC compliance | |
| ESD | ±15kv air discharge, ±8kv direct discharge, ±8kv indirect discharge | |
| DEVELOPMENT ENVIRONMENT | | |
| SDK | HHW Software Development Kit | |
| Language | Java | |
| Environment | Android Studio or Eclipse | |
| DATA COMMUNICATION | | |
| WWAN | TDD-LTE Band 38, 39, 40, FDD-LTE Band 1,2,3, 4,7; WCDMA(850/1900/2100MHz); GSM/GPRS/Edge 850/900/1800/1900MHz); | |
| WLAN | 2.4G/5G Dual Frequency, IEEE 802.11 a/b/g/n/ac | |
| WPAN | Bluetooth Class v2.1+EDR, Bluetooth v3.0+HS, Bluetooth v4.0 | |
| GPS | GPS(embedded A-GPS), accuracy of 5 m | |
| DATA CAPTUER | | |
| BARCODE READER(OPTIONAL) | | |
| 1D barcode | 1D laser engine | Honeywell N431x |
| | Symbologies | All major 1D barcodes |
| 2D barcode | 2D CMOS Imager | Honeywell N6603 |
| | 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. |
| COLOR CAMERA | | |
| Resolution | 8.0 megapixel | |
| Lens | Auto-focus with LED flash | |
| RFID READER(OPTIONAL) | | |
| RFID LF | Frequency | 125KHz/134.2KHz(FDX-B/HDX) |
| | Protocol | ISO 11784&11785 |
| | R/W Range | 2cm to 10 cm |
| RFID HF | Frequency | 13.56MHz |
| | Protocol | ISO 14443A&15693 |
| | R/W Range | 2cm to 8cm |
| RFID UHF | Frequency | 865~868MHz or 920~925MHz |
| | Protocol | EPC C1 GEN2/ISO 18000-6C |
| | Antenna Gain | Circular antenna(2dBi) |
| | R/W Range | 1 m to 1.5 m(tags and environment dependant) |
| Active 2.45GHz | Read range more than 200 m (customization) | |
| 433MHz | Read range more than 200 m (customization) | |
| ZigBee READER(OPTIONAL) | | |
| Protocol | IEEE 802.15.4 (customization) | |
| Reading Range | 100 m to 200 m(customization) | |
| FINGERPRINT READER(OPTIONAL) | | |
| Sensor | TCS1SM | |
| Sensor type | Capacitive, area sensor | |
| Resolution | 508 DPI | |

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|-------------------------|----------------------------------------------------------------------------------------|
| Performance | FRR<0.008%, FAR<0.005% |
| Capacity | 1000 |
| PSAM SECURITY(OPTIONAL) | |
| Protocol | ISO 7816 |
| Baudrate | 9600, 19200, 38400,43000, 56000, 57600, 115200 |
| Slot | 2 slots(maximum) |
| ACCESSORIES | |
| Standard | 1xPower Supply 1xLithium Polymer Battery 1xDC charging cable 1xUSB data cable |
| Optional | Cradle,Handle, UHF gain board |





OCBS-D5000





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 at aliexpress:http://www.aliexpress.com/store/403448?tracelog=minisite_CI.

3. Warranty

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

We were 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 quick repair. And after that, you can return 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. Escrow Service is powered by Alipay.com. 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 1300 customers from 133 countries, including the global fortune 500 company like Unilever, O2...50 of them are the biggest distributor in the local territories.

Why You Choose Us

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...

1500+ Customers Cover 133 Countries;

9 Years OEM/ODM Experience.

Top 1 Level Trade Assurance in POS industrial guarantee quality and shipment date

Fast responses and professional service

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