

# Handheld Rugged Logistic Data Collection Device PDA With Pistol grip

## (OCBS-D5000)

### Feature:

- Android 7.0
- 1GB RAM, 16GB ROM
- Gorilla 5.0 in. 720\*1280 Gorilla HD Screen
- Rugged IP65/1.5m Drop Tolerance
- Rechargeable li-ion polymer, 3.7V, 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  |                       |
| 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 CHARACTERISTICS |   |                       |
| 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;<br>WCDMA(850/1900/2100MHz);<br>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 CAPTURE                |   |                       |
| 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  |   |
| 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<br>1xLithium Polymer Battery<br>1xDC charging cable<br>1xUSB data cable |   |
| Optional                     | Cradle,Handle, UHF gain board  |   |