

OCBS-A100 Rugged IP54 Handheld Logistic Android Industrial PDA

(M/N: OCBS-A100)

Features:

- Qualcomm Quad core Android 7.1;
- 2G RAM+16G ROM;
- 4.0 in. 480*800 WVGA IPS Screen;
- Numeric&Functional Keypads;
- Support 4G Communication;
- 2.4G+5G Dual mode wifi and Bluetooth;
- Rechargeable li-ion polymer, 3.7V, 3200Ah Battery;
- Rugged IP54 /1.5 m Drop Tolerance;
- 8 megapixel camera auto-focus with LED flash of optional;
- 1D/2D Barcode Scanner for optional.

| 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 CHARACTERISTICS | |
| CPU | Qualcomm Quad core |
| Operating System | Android 7.1 |
| 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 | IP54, IEC compliance |
| DEVELOPMENT ENVIRONMENT | |
| SDK | HHW Software Development Kit |
| Language | Java |
| Environment | Android Studio or Eclipse |
| DATA COMMUNICATION | |
| WWAN | TDD-LTE,FDD-LTE |
| WLAN | IEEE 802.11 a/b/g/n 2.4G+5G |
| WPAN | Bluetooth v4.1+BR/EDR+BLE |
| DATA CAPTUEER | |
| 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 | |





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