

## portable handheld industrial PDA (OCBS-D8000)

### FEATURE:

Android4.1 Operation System;  
Dual-Core ARM Cortex-A9 Dual-core 1.5G;  
WCDMA, CDMA2000 Option  
A-GPS satellite positioning Option  
Hd 3 million pixels, with LED, automatic focusing;  
SIM card, PSAM card, Micro SD (TF) Card Expand Port;  
Rechargeable Li-polymer Battery 3.7V 4000mAh Option;  
Color 4.0 inch QVGA imitative glass durable touch screen.  
Sealed Environment: IP67,  
6 sides can bear impact from 1.5m drop to cement floor

### Specification:

|                         |                                                                                                                                                          |
|-------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------|
| Physical Parameter      |                                                                                                                                                          |
| Size                    | 152mm(L)×77mm(H)×29mm(W)                                                                                                                                 |
| Weight                  | □500g                                                                                                                                                    |
| Display Screen          | Color 4.0 inch QVGA imitative glass durable touch screen<br>TFT-LCD, 650000 colors, 480*800 (QVGA size)<br>The brightness of LED Backlight is adjustable |
| Expand Port             | SIM card, PSAM card, Micro SD (TF) Card                                                                                                                  |
| Communication Interface | USB2.0 Device, RS-232□Optional□                                                                                                                          |
| Input Mode              | Standard Stylus, Handwriting, touching input or keyboard input                                                                                           |
| Battery Capacity        | Rechargeable Li-polymer Battery 3.7V 4000mAh Optional                                                                                                    |
| Frequency               | 8Ω1W speaker                                                                                                                                             |
| Key                     | 29pcs soft silicon key                                                                                                                                   |
| Performance Parameter   |                                                                                                                                                          |
| CPU                     | Dual-Core ARM Cortex-A9 Dual-core 1.5G                                                                                                                   |
| RAM                     | 1G RAM                                                                                                                                                   |
| Flash ROM               | Standard 4G NAND Flash Storage<br>Micro SD/TF port (Max up to 32G)                                                                                       |
| Data Communication      |                                                                                                                                                          |
| WI-FI                   | Support IEEE802.11b/g protocol, it need effective wireless LAN signal cover                                                                              |
| WCDMA                   | UMTS2100/900MHz<br>UMTS1900/850MHz<br>GSM850/900/1800/1900MHz                                                                                            |
| CDMA2000                | CDMA2000 1x,CDMA2000 EV-DO Rev 0,CDMA2000 EV-DO Rev A<br>Supports BC0(800MHz band),BC1(1900MHz band)                                                     |
| Bluetooth               | Support Bluetooth 2.0+EDR, transmission distance is 5-10m                                                                                                |
| Operating Environment   |                                                                                                                                                          |
| Operating Temperature   | -20°C to 50°C                                                                                                                                            |
| Storage Temperature     | -25°C to 70°C                                                                                                                                            |
| Environment Humidity    | 5%RH--95%RH(no condensation)                                                                                                                             |
| Drop Specifications     | 6 sides can bear impact from 1.5m drop to cement floor in the range of operating temperature                                                             |
| Roll Specifications     | 1000 times/0.5m, roll on 6 sides contact area                                                                                                            |
| Sealed Environment      | IP67                                                                                                                                                     |

|                                      |                                                                                                                                                                                                      |
|--------------------------------------|------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Development Environment              |                                                                                                                                                                                                      |
| Operating System                     | Android4.1                                                                                                                                                                                           |
| SDK                                  | exclusive use software development kit                                                                                                                                                               |
| Supported Language                   | JAVA                                                                                                                                                                                                 |
| Development Tool                     | Eclipse                                                                                                                                                                                              |
| A one-dimensional bar code collect   |                                                                                                                                                                                                      |
| One dimensional CCD scanners         | Symbol SE655                                                                                                                                                                                         |
| Resolution                           | 5Mil minimum width                                                                                                                                                                                   |
| Ambient Light                        | 0ft.candles-10000ft.candles                                                                                                                                                                          |
| Scanning Speed                       | 50/sec                                                                                                                                                                                               |
| Scanning Angle                       | 53°±3°                                                                                                                                                                                               |
| Support Bar Code Type                | UPC/EAN, Bookland EAN, Code 128, Code39, Code 93,Code 11, Interleaved 2 of 5,Discrete 2 of 5, Chinese 2 of5, Matrix 2 of 5,Inverse 1D, MSI, Gs1 DataBar, etc.                                        |
| One dimensional laser scanner        | Symbol SE955                                                                                                                                                                                         |
| Resolution                           | 4Mil minimum width                                                                                                                                                                                   |
| Ambient Light                        | 10000ft.candles(107640 lux)                                                                                                                                                                          |
| Scanning Speed                       | 104(±)12/sec (bothway)                                                                                                                                                                               |
| Scanning Angle                       | 47°±35°(Standard) / 35°±3°□narrow angle)                                                                                                                                                             |
| Support Bar Code Type                | UPC/EAN, Code128, Code39, Code93,Code11, Interleaved 2 of 5, Discrete 2 of 5,Chinese 2 of 5, Codabar, MSI, RSS                                                                                       |
| Two-dimensional bar code acquisition |                                                                                                                                                                                                      |
| CMOS Scanner                         | Symbol SE4500                                                                                                                                                                                        |
| The Sensor Resolution                | 752(level)×480(vertical)pels□gray level□                                                                                                                                                             |
| Ambient Light                        | All dark 9000ft.candles/96900 lux                                                                                                                                                                    |
| Focus element (VLD)                  | 655nm ± 10nm                                                                                                                                                                                         |
| Support bar code type                | PDF417, MicroPDF417, Composite, RSS, TLC-39, Datamatrix, QR code, Micro QR code, Aztec, MaxiCode; Postal Codes: US PostNet, US Planet, UK Postal, Australian Postal, JapanPostal Dutch Postal (KIX)3 |
| RFID                                 |                                                                                                                                                                                                      |
| LF                                   | 125K/134K□ISO11784/ISO11785 protocol                                                                                                                                                                 |
| HF                                   | 13.56MHz□ISO14443A/B protocol                                                                                                                                                                        |
| Camera                               | Hd 3 million pixels, with LED, automatic focusing                                                                                                                                                    |
| GPS                                  | Support A-GPS                                                                                                                                                                                        |

