

# Android Multi-functional Industrial PDA

(Model No.OCBS-D8000)

## Features:

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<br>Optional   |

|                                    |  |
|------------------------------------|--|
| Frequency                          | 8Ω1W speaker   |
| Key                                | 29pcs soft silicon key   |
| Performance Parameter              |  |
| CPU                                | Dual-Core ARM Cortex-A9 Dual-core 1.5G   |
| RAM                                | 2G 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 of 5, 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  |

## Product Details



## **Relevant documents:**

\*OCBS-D8000 CD