

2015 newest Android based data collector-OCBS-D8000

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

Android System PDA, Dual Core Android System PDA, Android System PDA With SIM Card

Dual Core Android System PDA With SIM Card

Specification

Physical Parameter	
Size	152mm(L)×77mm(H)×29mm(W)
Weight	≈500g
Display Screen	Color 4.0 inch QVGA imitative glass durable touch screen TFT-LCD, 650000 colors, 480*800 (QVGA size) 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	2G RAM
Flash ROM	Standard 4G NAND Flash Storage 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 UMTS1900/850MHz GSM850/900/1800/1900MHz
CDMA2000	CDMA2000 1x,CDMA2000 EV-DO Rev 0,CDMA2000 EV-DO Rev A 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