

**OCBS-D8000 industrial barcode magnetic car data collector**  
(Model No.:OCBS-D8000)

**Feature:**

Android5.1 Operation System;  
 2G RAM,16G ROM,TF card can up to32 GB ;  
 ARM Cortex-A53 64bit Quad-Core 1.3GHZ;  
 Support 4G LTE and 3G WCDMA;  
 GPS,A-GPS satellite positioning;  
 Hd 8 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: IP65;  
 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 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	ARM Cortex-A53 64bit Quad-Core,1.3GHz
RAM	2G RAM
Flash ROM	Standard 16G 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
FDD-LTE	Uplink: 1920MHZ-1980MHZ; Downlink: 2110MHZ-2170MHZ Uplink: 1710MHZ-1785MHZ; Downlink: 1805MHZ-1880MHZ Uplink: 2496MHZ-2690MHZ; Downlink: 2496MHZ-2690MHZ
WCDMA/GSM	WCDMA: Uplink:1850MHZ-1910MHZ; Downlink: 1930MHZ-1990MHZ Uplink:880MHZ-915MHZ; Downlink: 925MHZ-960MHZ GSM: 850MHZ, Uplink:824MHZ-849MHZ; Downlink: 869MHZ-894MHZ 900MHZ, Uplink:880MHZ-915MHZ; Downlink: 925MHZ-960MHZ 1800MHZ,Uplink:1710MHZ-1785MHZ; Downlink: 1805MHZ-1880MHZ 1900MHZ ,Uplink:1850MHZ-1910MHZ; Downlink: 1930MHZ-1990MHZ
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	IP65
Development Environment	
Operating System	Android5.1
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	Mingde966 Standard ,Symbol 955, HoneywellN4313(for optional)
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	Newland 3096 Standard ,HONEYWELL N3680 for optional
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;ISO11784/ISO11785 protocol
HF	13.56MHz[ISO14443A/B protocol
Camera	Hd 8 million pixels, with LED, automatic focusing
GPS	Support A-GPS

