

Handheld Android Industrial Mobile Data Terminal with Barcode Scanner

(OCBS-D4000)

FEATURE:

Android5.1 Operation System;

1G RAM,8G ROM,TF card can up to 64 GB ;

28nm ARM Qual-core cortex A53,1.3-1.5GHz

Support 4G LTE and 3G WCDMA;

GPS,A-GPS satellite positioning;

5 million pixels, with LED, automatic focusing [Option];

SIM card, PSAM card, Micro SD (TF) Card Expand Port;

Rechargeable Li-polymer Battery 3.7V 4000mAh ;

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.

Physical Parameter	
Size	157 mm x 76 mm x 28 mm
324g	324g
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, , Micro SD (TF) Card
Communication Interface	USB2.0 Device,
Input Mode	Standard Stylus, Handwriting, touching input or keyboard input
Battery Capacity	Rechargeable Li-polymer Battery 3.7V 4000mAh
Performance Parameter	
CPU	28nm ARM Qual-core cortex A53,1.3-1.5GHz
RAM	1G RAM
Flash ROM	Standard 8G NAND Flash Storage Micro SD/TF port (Max up to 64G)
Data Communication	
WI-FI	Support IEEE802.11b/g/n protocol, it need effective wireless LAN signal cover
LTE	FDD-(B1 B3 B7 B8 B28), TDD-(B38 B39 B40 B41)
WCDMA /GSM	WCDMA: 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/3.0+HS/4.1+HS, transmission distance is 5-10m
Operating Environment	

Operating Temperature	-10 to 50 degree
Storage Temperature	-25 to 70 degree
Environment Humidity	0%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 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	47o±35o(Standard) / 35o±3o(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	
CCDScanner	CCD 2D engine 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	
HF	13.56MHz;ISO14443A protocol
Camera	5 million pixels, with LED, automatic focusing for Optional
GPS	Support A-GPS



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