

# mobile rugged industrial android data terminal PDA collector

(Model No.:D4000)

## keywords:

data terminal,android data terminal,PDA

## FEATURE:

- n Android5.1 Operation System;
- n 1G RAM,8G ROM,TF card can up to 64 GB ;
- n 28nm ARM Qual-core cortex A53,1.3-1.5GHz
- n Support 4G LTE and 3G WCDMA;
- n GPS,A-GPS satellite positioning;
- n 5 million pixels, with LED, automatic focusing;
- n SIM card, PSAM card, Micro SD (TF) Card Expand Port;
- n Rechargeable Li-polymer Battery 3.7V 4000mAh ;
- n Color 4.0 inch QVGA imitative glass durable touch screen;
- n Sealed Environment: IP65;
- n 6 sides can bear impact from 1.5m drop to cement floor.

Physical Parameter	
Size	157 mm x 76 mm x 28 mm
Weight	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( Scanner function for optional)
Resolution	4Mil minimum width

Ambient Light	10000ft.candles(107640 lux)
Scanning Speed	104(±12/sec (bothway)
Scanning Angle	47±35 deg(Standard) / 35±3deg (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	
CCD[Scanner	CCD 2D engine Standard, HONEYWELL N3680(2D scanner function for optional )
Sensor Resolution	752(level)×480(vertical)peis(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 (Optional)	
HF	13.56MHz; ISO14443A protocol
Camera	5 million pixels, with LED, automatic focusing
GPS	Support A-GPS