

DENSO

HANDY TERMINAL

BHT-1100

Model w/camera BHT-1171BWB-CE

Model w/o camera BHT-1170BWB-CE



Can read and recognize
max 1,300mm in depth!

Easy grip and large
keyboard for easy
handling!

Improved work efficiency with
IEEE802.11n compliant
high-speed wireless transmission!

BHT-1100 Specifications

	Model w/camera	Model w/o camera
Type	BHT-1171BWB-CE	BHT-1170BWB-CE
OS	Windows Embedded CE6.0 R3	
CPU	32bit RISC 800MHz	
Memory	RAM	512MB
	Flash ROM	2.0GB
Display	Number of dots *1	320x480 dots (3.5" HVGA)
	Backlight	Liquid crystal dot matrix display
Scanner	Scanning system	Advanced Scan Plus (CCD)
	Readable codes	EAN-13/8 (JAN-13/-8) UPC-A/-E, UPC/EAN (With add-on), Interleaved 2 of 5, Standard 2 of 5, CODABAR(NW-7), CODE39, CODE93, CODE128, GS1-128(EAN-128), GS1 DataBar(RSS)
	Scanning distance	640mm(resolution 0.33mm) 1300mm(resolution 1.0mm)
	Minimum resolution	0.125mm
	Scan confirmation	Confirmation LED (3 colors: blue, red, green), speaker, vibrator
Keypad	Number of keys	36 keys (excluding power button) + 3 trigger keys
Data transfer	Wireless I/F	Standard compliance
	Frequency	IEEE802.11b/g/n compliant
	Transmission distance *2	2.4GHz
	Standard, Number of channels *2	Indoor: 150m, Outdoor: 300m
Security	IEEE802.11b: 11/5.5/2/1Mbps, IEEE802.11g: 54/48/36/24/18/12/9/6Mbps	IEEE802.11n: 65/58.5/52/39/26/19.5/13/6.5Mbps
	Bluetooth	WEP40,128,WPA-PSK(TKIP,AES), WPA2-PSK(TKIP,AES), WPA-1x(TKIP,AES/EAP-TLS, PEAP) WPA2-1x(TKIP,AES/EAP-TLS, PEAP), 802.1x(EAP-TLS, PEAP)
Bluetooth	Bluetooth Ver 2.0 + EDR Class 2	
Cradle I/F	RS-232C/USB client	
Card slot	microSDHC x1	
Camera	3.2Mpixe(1.3 megapixels)	—
Power supply	Main battery	Lithium-ion battery
	Operation hours	Approx. 17 hours (standard battery)/Approx. 25 hours (large capacity battery)*3
Additional features	Speaker, LED, vibrator, microSDHC	
Environmental requirements	Operating temperature	-20 ~ 50 °C *4
	Protection level	IP54
	Drop resistance *5	1.5m drop on concrete floor, 10 times each on all 6 sides (total 60 times)
Weight	380g	375 g

*1 : The LCD panel is manufactured using high precision technology. Number of effective pixels is more than 99.99%, but please understand that less than 0.01% of the pixels may be missing or less lit. *2 : Transmission distance and speed are theoretical values and may differ according to actual usage environments. *3: At the ratio of scanning:wireless transmission: screen transition:stand-by=1:1:1:20, wireless stand-by (power save on), and LCD backlight low. Featured values are for reference at room temperature, and actual operating hours may vary according to the usage environment. *4 : 0~40°C when charging. *5: Experimental value at room temperature using standard type battery and is not guaranteed.

Accessories (sold separately)

- Transmission unit Cradle for data transmission between BHT and higher-end devices
 - CU-1133 (RS-232C/USB transmission+main unit charging+backup battery charging)
 - CU-1111 (Ethernet transmission+main unit charging+backup battery charging)



	CU-1133	CU-1111
Transmission method	RS-232C/USB2.0 Full speed compliant	Ethernet (100BASE-TX)
Charging time (main unit)	Backup battery: Approx. 3 hours, large capacity battery: approx. 4.5 hours	
Pre-charge	Backup battery: Approx. 3 hours, large capacity battery: approx. 4.5 hours	
Size	133(D) x 94(W) x 111(H)	
Power supply	AC adapter (AD3-1012/3000/02)	

- Battery
 - Backup batteries for BHT
 - BT-110LA (Standard type: 2300mAh/battery only)
 - BT-110LA-C (Standard type: 2300mAh/battery+battery cap)
 - BT-110L (large capacity type: 3450mAh/battery only)
 - BT-110L-C (Large capacity type: 3450mAh/battery+battery cap)

- Direct cable
 - Cables directly connecting BHT to higher end devices
 - RS-232C type
 - USB type
 - Soft case, etc.
 - SCBHT-1100 (Soft case for BHT-1100)
 - WHBHT-1100 (Waist case for BHT-1100)

Warranty

Denso Wave offers 3 types of 'paid maintenance services' for the convenience of our customers.
 ※ Please visit our website for details.

For your safety

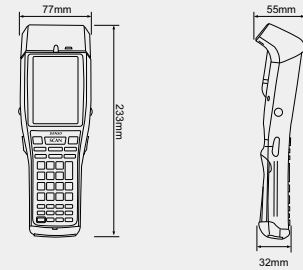
- Carefully read the instruction manual before operation and always use the device properly.

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● The appearance, specifications, and other details are subject to change without notice for improvement purposes.
 ● The data in this catalog are current as of January 2012.

Dimensions

Unit: mm(all measurements are for reference only)



parts

- Hand belt
- Stylus pen
- Operation guide
- User manual

※ Battery and battery caps are not included.

Software

● Windows® CE Software Development Kit (SDK) specifically for BHT

to customers who have purchased a Windows version of BHT.
 ※2 : This software has been pre-installed on your system.

● Items noted with this mark are available for free downloads at our website (QDirect).

Reading and viewing distance

