

DENSO

HANDY TERMINAL

BHT-1200 SERIES



Bar code model
Built-in microphone receiver
BHT-1261BWB-CE



2D code model
Built-in microphone receiver
BHT-1261QWB-CE

NEW →

Built-in microphone receiver and WWAN/GPS
BHT-1261QWBG-CE



Best design, which makes it easier to grip and simple to operate



Fast wireless communication, supporting IEEE802.11b/g/n



Increase the work efficiency with overwhelming scan-performance



BHT-1200 series specification

		Bar code model	2D code model	2D code model
		Built-in microphone receiver	Built-in microphone receiver	Built-in microphone receiver and WWAN/GPS
Type		BHT-1261BWB-CE	BHT-1261QWB-CE	BHT-1261QWBG-CE
OS	Windows® Embedded CE 6.0 R3			
CPU	ARM Coretex-A8 800MHz			
Memory	RAM	Mobile DDR 512MB		
	Flash ROM	2.0GB		
Display	Number of Dots ¹	320 x 480 dots (3.5 inch HVGA)		
	Display device	Liquid crystal dot matrix display (color)		
	Back light	White LED		
Scanner	Mode	Advanced scan plus (CCD)	Area sensor	
	Decode	Bar code	EAN-13/8(JAN-13/8), UPC-A-E, UPC/EAN (Add-on embedded), Interleaved 2 of 5, Standard 2 of 5, CODABAR(NW-7), CODE39, CODE93, CODE128, GS1-128 (EAN-128), MSI, GS1 DataBar (RSS)	
		2D code	QR code, micro QR code, SQRC, iQR, PDF417, micro PDF417, Maxi code DataMatrix(ECC200), Aztec, GS1 DataBar Composite(EAN.UCC Composite)	
	Minimum resolution	Bar code	0.125mm	0.125mm
		2D code	-	0.167mm
	Maker	-	-	Area guide maker
	Scan Confirmation	LED in three colors: Red/green/blue, speaker, vibration		
Key input section	Number of keys	30 keys (excluding the power key) + 3 trigger keys		
Network	Wireless LAN	Suitable standard	Comply with IEEE802.11b/g/n	
		Frequency	IEEE802.11b/g/n(2.4GHz)	
		Network range ²	IEEE802.11b/g/n(indoor: about 150m, outdoor: about 300m)	
		Transmission speed ²	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	
		Security	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)	
	Wireless WAN	-	-	HSPA+ (850, 900, 2,100MHz)
	GPS	-	-	A-GPS
	Bluetooth	Bluetooth Ver2.0 + EDR based class 2		
	Cradle I/F	RS-232C / USB client		
Card slot		MicroSDHC*1		
Camera		5.0M pixel (5.0 megapixel) * Camera with automatic focusing function		
Power	Main battery	Lithium-ion battery		
	Operating time	WLAN ³	Approx. 23 hours (when using the standard battery) / Approx. 34 hours (when using the high-capacity battery)	Approx. 22 hours (when using the standard battery) / Approx. 33 hours (when using the high-capacity battery)
		WWAN ⁴	-	Approx. 18 hours (when using the standard battery) / Approx. 26 hours (when using the high-capacity battery)
			-	Approx. 8 hours (when using the standard battery) / Approx. 12 hours (when using the high-capacity battery)
Additional functionality	Clock, speaker, vibration, battery voltage indicator, key back light, G-sensor, microphone receiver			
Environmental performance	Operating temperature	- 20 ~ 50°C ⁵		
	Protection rating	IP54		
	Drop resistance ⁶	0.2m x over 1000 times / 1.5m x 30 times (5 times on each six sides) on a concrete floor		
Mass (including battery, stylus pen, hand-belt) ⁷		Approx. 330g	Approx. 340g	Approx. 370g

* 1: The liquid panel is made with high-precision technology. Though the number of pixels available is 99.99%, please understand that there is 0.01% chance of the display being scrambled and turned off. * 2: Network range and transmission speed are logical variables and accordingly, these may vary depending on the actual environmental condition. * 3: In the case of decode/wireless communication/screen update stand by = 1:1:1:20 and LCD back light is Low, turn ON the wireless only when connected to the network and turn OFF at other times. The operating time is for reference only at room temperature and it may vary depending on working conditions. * 4: The figures indicate reference values calculated for use at room temperature in the following 4 modes with an average use time proportion (decoding: 1; screen update: 9; network communication: 20; standby: 270) under the condition that the LCD backlight is set to Low for decoding and display modes, and to Dim for communication and standby modes. The device is always connected to 3G. The indicated values may vary depending on ambient environmental conditions. * 5: The temperature rises from 0 to 40°C while charging. * 6: This is a test value, not a guaranteed value. * 7: The value when using the standard battery

Option (sold separately)

• Holder, which performs data communication with BHT communication unit and the up-level device

- CU-1233(RS-232C/USB communication + main body charging + reserve battery charging)
- CU-1211(Ethernet communication + main body charging + reserve battery charging)



	CU-1233	CU-1211
Communication mode	Compy with RS-232/USB2.0 Full speed	Ethernet (100BASE-TX)
Charging time (main body)	Standard battery: about 3 hours, high-capacity battery: about 4.5 hours	
Reserve charging	Standard battery: about 3 hours, high-capacity battery: about 4.5 hours	
Size	133(D)×97(W)×101(H)	
Working voltage	AC adapter (AD3-1012/3000-2)	



•Battery

- BHT reserve battery
- BT-110LA (standard battery only)
- BT-120LA-C (standard battery + battery cover)
- BT-110L (high-capacity battery only)
- BT-120L-C (high-capacity battery + battery cover)



•Recharger

- CH-1104 (4 serial battery rechargers)
- CH-1254 (4 serial unit rechargers)

•Soft case and others

- SCBHT-1200 (Soft case)
- WHBHT-1100/1200 (waist-pack case)
- SBBHT-700 (shoulder-belt)

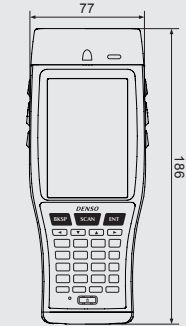
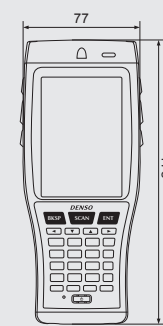
Dimensions

Unit: mm (for reference only)

(Front)

BHT-1261BWB-CE
BHT-1261QWB-CE

BHT-1261QWBG-CE



(Side)

BHT-1261BWB-CE

BHT-1261QWB-CE

BHT-1261QWBG-CE



Components

- Hand-belt
- Stylus pen
- Guidelines for operation

Instruction manual

* Battery and battery cover are not supplied with the product

Software

Software Development Kit (SDK) for BHT Windows® CE¹

- Keyboard interface software [kbICE]²

* 1 : This software is available from the site free of charge to those customers who have purchased BHT Windows

* 2 : This software is installed on the system when delivered

Items with this mark are available from the company's homepage (Qbdirect) free of charge

For more information, please visit our website

<http://www.denso-wave.com/en/adcd/>



*Appearance and specifications are subject to change without prior notice. *Description stated in this catalogue is as of May, 2013.