

BHT-1200 series specification

Type	Bar code model		2D code model		2D code model	
	Built-in microphone receiver		Built-in microphone receiver		Built-in microphone receiver and WWAN/GPS	
	BHT-1261BWB-CE		BHT-1261QWB-CE		BHT-1261QWBG-CE	
OS			Windows® Embedded CE 6.0 R3			
CPU			ARM Cortex-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)		EAN-13/8(JAN-13/8), UPC-A-E, UPC/EAN(Add-on embedded), Interleaved 2 of 5, CODABAR(NW-7), CODE39, CODE93, CODE128, GS1-128(EAN-128), GS1 DataBar(RSS)	
		2D code	QR code, micro QR code, SORC, 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	Substandard	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	IEEE802.11n: 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	MicroSDHCx1					
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)	Approx. 18 hours (when using the standard battery) / Approx. 26 hours (when using the high-capacity battery)	
		WWAN ⁴	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	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: 3; 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)

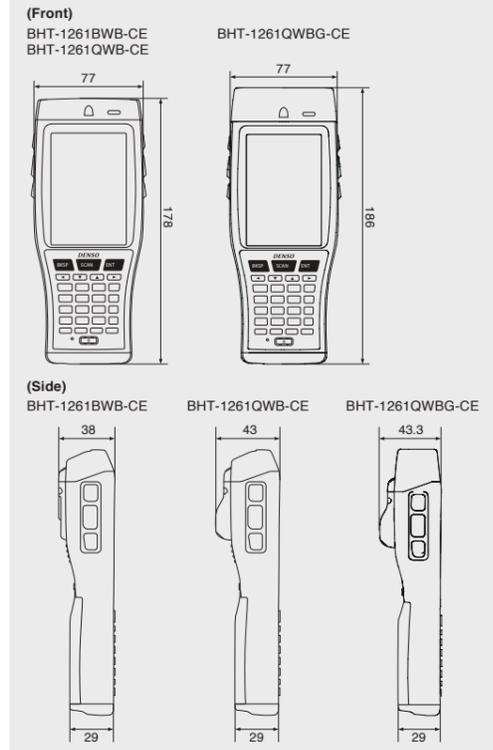
- Holder, which performs data communication with BHT communication unit and the up-level device
- CU-1233(RS-232C/USB communication + main body charging + reserve battery charging)
- CU-1211(Ethernet communication + main body charging + reserve battery charging)

	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)x97(W)x101(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)
- Soft case and others
 - SCBHT-1200 (Soft case)
 - WHBHT-1100/1200 (waist-pack case)
 - SBBHT-700 (shoulder-belt)
- Recharger
 - CH-1104 (4 serial battery rechargers)
 - CH-1254 (4 serial unit rechargers)

High-capacity battery

Dimensions Unit: mm (for reference only)



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 [kbifCE]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
- HP 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/adcc/>

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

BHT-1200
SERIES

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

2D code model
Built-in microphone receiver
BHT-1261QWB-CE
Built-in microphone receiver and WWAN/GPS
BHT-1261QWBG-CE

NEW



- Best design, which makes it easier to grip and simple to operate
- Fast wireless communication, supporting IEEE802.11b/g/n
- 400 scan/sec
Increase the work efficiency with overwhelming scan-performance

DENSO WAVE INCORPORATED

Contact Us: If you have further enquiries, please contact us for more information & discussion.

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Increase business efficiency. Expand functionality. Global model with high specifications

Easy to operate

Strengthen the advantages of PDA and make up for the weaknesses



Simple to operate with only one hand, even with just your thumbs



Keys are placed and arranged to enable one-handed operation



Easy to grip



About the size of a smartphone (57mm) and with a slim-shape that fits easily in your hands



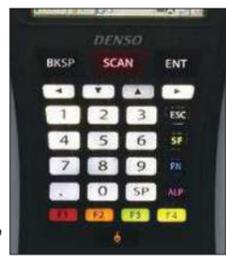
Stable grip



Stable to use, by holding the handle in one hand



12 functional keys



Set up frequently used functions with sufficient numbers of functional keys. You can use the product in a dark place, thanks to the key back light.



The big screen allows you to see the information easily at a glance



Display screen with 3.5 inch high-precision HVGA clearly shows even small-sized characters



Global support system

Experience Japanese levels of quality and service, worldwide



Available in more than 40 countries across the world! Total support system

DENSO group operates globally, providing prompt support across a full range of services, from sales to maintenance.

Language options allow you to change the language being displayed.

<Countries where BHT-1200 is used>

Japan, EU(27 countries), USA, Canada, Taiwan, Korea, Australia, New Zealand, Thailand, Malaysia, Indonesia, Philippines, Hong Kong, China, Russia, Brazil

Support an integrated management tool with the world's largest market share. Drastically reduce the cost and effort required for application updates.

BHT-1200 supports MobiControl, an integrated management tool for terminals. Regardless of whether it is used in Japan or overseas, the terminal is managed by the management server, resulting in a reduction in the cost and effort required to run it, and meaning it runs seamlessly, saving you stress * A separate contract is required to use MobiControl.

Examples of using MobiControl * MobiControl is Soti, Inc's registered trademark

Synchronize the management server and the terminal
Collect data from each terminal and distribute the data stored on the server

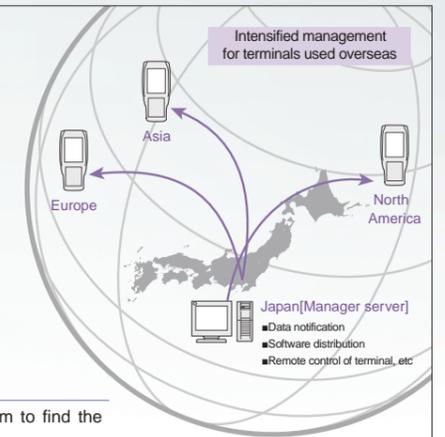
Installing the software automatically updates it
Easy to update and install the unit application

Identify the fault of the terminal where the error has occurred

Compare and analyze the terminal program to find the cause of failure

Enhanced security against leakage of information

Embedded with security functions against loss of terminal, server attack and information leakage



Wireless and security

The stability and speed required for business-use



Fast wireless communication
Avoid delays caused by congestion

Support IEEE802.11b/g/n. High-speed communication, without congestion in wireless network. Connect to the wireless network in 1 second, using the company's own driver

For example

After break

After replacing the battery

Power ON

Reconnect by wireless

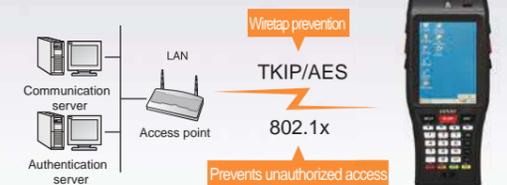
Class top level

1 second at most



Prevent unauthorized access and wiretapping

Embedded with WPA/WPA2, highly reliable security technique, together with WEP



Decoding performance Overwhelming speed!
Strong on decoding even over long distances away (Bar code model)



400 scans in one second. Decodes even complicated codes at high speed

Decoding speed is almost thrice as fast compared to conventional laser scanners. As the product decodes even scratched or damaged codes, you can work fast without being stressed

(Bar code model)



Read the code from a long distance away, without changing position

Read not only codes nearby, but also codes placed about a meter away. Easy to decode codes placed from floor to shelf in a same position

400 scans in one second

Scan up to the depth of about 1,300 mm distance

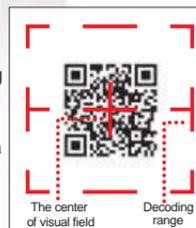


(2D code model)



Improved operability with a laser to indicate the decoding range and the central point

Range guide market, which acquired a patent in Japan, supports speedy decoding * Patent no.3562395



Camera 5.0 megapixel-level digital camera



Take a photo of defective products while inspecting

Double-functional product with 5.0 megapixel-level digital camera function. Convenient auto-focus and built-in mini size light



Data backup



Back up RAM data in MicroSDHC



Flash ROM with high-capacity of 2GB, use it without worries about the capacity

Durability



Usable in a cold storage and even in the open air during the summer! Operating temperature -20°C to 50°C



Cylindrical 'jacket-structure', protecting the board from impact, dust and water