

Backlight

Method

Keypad No. of Keys Communications Ontical I/E Communication

Communication

Distance Wireless I/F Compatible Standards

CPU

BHT-600 Series Specification



Scan Codes	2D Code	_	QR Code, Micro QR Code, SQRC, PDF417, Micro PDF417, Maxi Code, DataMatrix (ECC 200), EAN. UCC Composite (GS1 DataBar Composite)
	Barcodes	EAN-13/-8(JAN-13/-8), UPC-A/-E, UPC/EAN(With add- on), Interleaved 2 of 5, CODABAR(NW-7), CODE39, CODE93, CODE128, CS1-128(EAN-128), Standard 2 of 5, RSS(GS1 DataBar)	EAN-13/-8(JAN-13/-8), UPC-A/-E, UPC/EAN(With add- on), Interleaved 2 of 5, CODABAR(NW-7), CODE39, CODE93, CODE128, GS1-128(EAN-128), RSS(GS1 DataBar)
Minimum	2D Code	_	0.25mm
Resolution	Barcodes	0.127mm	0.15mm
Scanning reference position		_	105mm
Marker		_	Area guide marker

 Area guide marker 	
3 Color LED (Red/Blue/Green), beep, vibration	
28 keys (including power key) + 2 trigger keys + cursor key	

Infrared (IrDA Ver. 1.3 [Lower Power] physical layer compliant)
~115.2kbps, 460.8kbps, 4Mbps ^{®4}
Approx. 0.15m max.

White LED

IEEE802.1b/g	
Indoors: Approx. 75m,	
Outdoors: Approx. 200m	
* 6	

approx. 27 hours**



	Cable I/F	RS-232C(115.2kbps MAX.)	
ower	Main Battery	Lithium-ion battery	
ylqqı	Hours of operation ^{®6}	approx 40 hours ^{®7}	

EAP-TLS, PEAP), 802.1x(EAP-

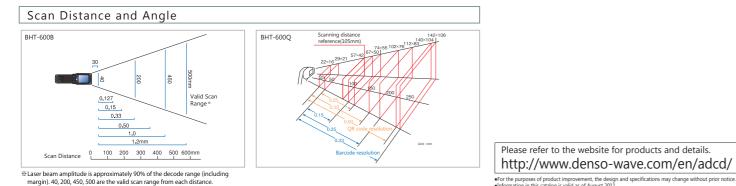
Indoors: Approx. 75m,

Outdoors: Approx. 200m

		approx. 24 hours ^{®8}	approx. 40 hours**9	approx. 16 hours ^{®8}	approx. 27 hours ^{®9}
Auxiliary Functions		Clock, beeper, vibration, low-battery indication, remote wake-up function			
Environmental	Operating Temperature	-5~50°C ^{₩10}			
Reguirements	Drotaction Dating		ID	T4	

Drop Resistance^{®11} More than 1,000 times from 0.2m height/10 times on each 6 sides (total 60 times) from 1.2m height above concrete floor Weight (incl. battery) Approx. 265g Approx. 275g

**1: User file area includes font file area (approx. 400kb). **2: The LCD panel is manufactured using high-precision technologies. While the effective pixel count is more than 99.99%, please be aware that there may be up to 0.01% of dead or stuck-on pixels. **3: The standard font, small font, 30 dot font, and 40 font may be set aside from the 16 bit font and 24 bit font. **4: When using the communication unit for the BHT-600 series, the maximum value of the R5-232C is 115.2kbps, USB type 460.8kpbs, and Ethernet type 4Mbps. **5: Transmission distances are theoretical values and may vary according to a cutual usage environment conditions. **8: The hours of operation are a reference value for operation at room temperature and may vary according to actual usage environment conditions. **8: The the case of 1 scan per 5 seconds, at backlight level 1. **8: In the case of a scan: Wireless communication: Screen rewriting: Standby=1:1:12:0, at backlight level 1. Wireless ON only during communication and OFF at other times. **9: In the case of 2 scans every 10 seconds, at backlight level 1. **8:10: 0-40°C when recharging. **11: Test value at room temperature, not guaranteed.



Accessories

- Hand strap
- •Lithium-ion battery (BT-20LB)
- Operation guide
 User manual

Software

- Development Tool
- •BHT-BASIC4.0 Transfer Utility
 •BHT-BASIC4.0 Transfer Utility DLL Pack
 •BHT-BASIC4.0 Program Converter

- BHT Term Emulator (Software to use BHT such as AS/400 as a
- terminal of the host computer)
 BHT Browser (HTML browser)

 Setting Software • BHT Setting

Software with this mark can be downloaded from the company's website (Qbdirect) free of charge.

Accessories (sold separately)

Communication Units

- CU-601 (RS-232C + battery charger for main unit)
- · CU-611 (Ethernet + battery charger for main unit) • CU-621 (USB + battery charger for main unit)

Battery Charger

- CH-201A (Separate charger for lithium-ion battery)
 CH-651 (Main unit charger)
- CH-704 (Multi (4) battery charger)

Battery

• BT-20LB (Lithium-ion battery)

Case, etc.

- SCBHT-600B (soft case for BHT-600B)
- SCBHT-600Q (soft case for BHT-600Q)
- WHBHT-7000/7500 (waist case)
- NSBHT-500 (neck strap)

For the purposes of product improvement, the design and specifications may change without prior notic
 Information in this catalog is valid as of August 2011.



HANDY TERMINAL

BHT-600



Barcode Model BHT-604B / BHT-604BW



2D Code Model BHT-604Q / BHT-604QW



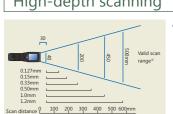
Denso Wave Co., Ltd

Scanning Performance

Barcode model scanning from near to far, and the 2-dimensional barcode model offering various scan modes.

We promise the level of high speed and precision scanning that only the Denso Wave can deliver.





High-depth scanning

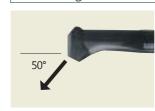


The high-depth scanner is suitable for various tasks, whether scanning close range or at distance.

**Laser beam amplitude is

** approximately 90% of the decode range (including margin). 40, 200, 450, 500 are the valid scan range from each distance.

Scan angle



• The scan angle is set to 50° which makes it easy to scan from the top of a shelf to the bottom while checking the screen

Also offers ease of operation on the top of a desk

Multi-row barcode scanning mode

Wide range of scan functions available



A wide range of scan functions are available from point scan mode to linked OR code batch scanning mode, and multi-row barcode scanning mode.



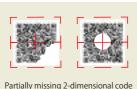






Scans multi-row

Able to scan deteriorated codes.**



Easily reads rubbed, peeled, or poorly printed codes.

> *May not be able to read codes depending on degradation state.



Reads wide barcodes.



Also supports "wide barcodes" including CODE39, logistics ITF EIAJ labels.

Screen Display

Large 2.8 inch screen. Information is easily readable, and the screen is flexibly replaceable due to high screen compatibility with other models.

Beautiful large 2.8 inch screen display

Large screen displays

large amounts of information, such as

delivery lists from

Scalable font size

expands freedom in

Grayscale display allows for beautiful

warehouses, etc.

screen design.

letter display.



OVGA color LCD



Intuitive screen design with icons indicating task menus.

- Corporate logos or product images can also be displayed.
 - Screen design can be shared with the BHT-500/800 series compatible OVGA.

Screen compatibility with existing models

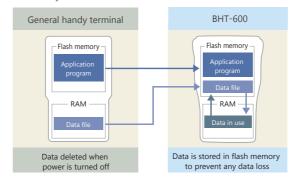


Screen compatibility function allows for smooth display of existina model (BHT-7500/100 series) screens, reducing the need for replacement

Durability and Environmental Resistance

Secure data storage

Flash file system



• Inputted data is saved in the terminal's flash memory, preventing data loss even when the battery runs out of power.

There is no need to worry about data loss, even when the battery is low

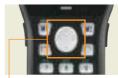
Strong durability against drops and knocs, as well as protection against environmental conditions for extended use.



- High drop resistance for everyday use by applying leading technology to the terminal.
- Thick LCD protective plate strengthens impact resistance by more than doubling the strength of previous models
- Achieves an IEC International standards protection rating of IP4 with high quality technology.

Function

Magic Key



Convenient cursor key for selecting menus or switching screens.

Using the software functions can be freely assigned to four magic keys

- Intuitive red/green colors make operation easy
- Minimizes finger movement for more convenience
- (Ex) 'Green' is confirm, 'Red' is cancel. Cursor key to select task, and 'Green' to confirm.

Function Key



- Eight function keys to assign task selections/functions
- Easily see in the dark with a backlit keypad



Vibration and sound alerts notifying end of task or error.

High Volume Beeper/Vibration

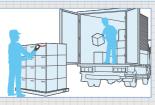


The BHT-600 series is strong at all locations. Picking in the backyard (warehouse).



The large 2.8 inch screen allows for easy visibility when browsing through information on the screen and reducing the strain on the eyes after sustained periods of

Logistics inspection.



12mm wide key intervals allow for easy operation even when wearing gloves. Also, the backlit keyboard reduces mistakes even in dark environments.

Production line process control



The robust main unit offers ease of mind even when dropped on the ground or upon receiving a knock. The flash file system takes away the risk of losing data when the power runs out.

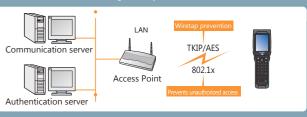
Inventory management



The large screen display offers a wide variety of information, ensuring overall efficiency, with data on ordering stores, inventory inquiry, and changes in sales prices.

Communication





Software

■Easy introduction

BHT Setting which makes set up easy

