BHT-1500 series specification

		Batch Model	Bluetooth® Model
Models		BHT-1505B	BHT-1505BB
OS		BHT-OS	
CPU		32bit RISC microprocessor	
Memory	Flash Memory	32MB (Approx. 17 MB for user area)*1	
Display	The Number of Dots*2	2.0 inch QVGA (240 x 320dots)	
	Display device	Liquid crystal dot matrix display (color)	
	Backlight	White LED	
Scanner	Mode	Advanced Scan Plus (CCD)	
	Decode — Barcode	EAN-13/8 (JAN-13/8), UPC-A/E, UPC/EAN (Add-on embedded), Interleaved 2 of 5 (ITF), Standard 2 of 5 (STF), CODABAR (NW-7), CODE39, CODE93, CODE128, GS1-128 (EAN-128), GS1 Databar (RSS)	
	Minimum resolution	0.125 mm	
	Reading reference position	110 mm	
	Scan Confirmation	LED in three colors: Blue/red/green, Buzzer, Vibration	
Key input section	The Number of keys	21keys (including power key) + Cross-hair cursor key + a trigger key	
Communication	Optical I/F — Communication mode	Infrared ray (IrDA Ver.1.2 [Low Power] physical signaling layer-compliant)	
	Transmission speed	~115.2kbps, 460.8kbps	
	Communication distance	Approx. 0.15 m MAX.	
	Bluetooth®	—	Bluetooth®2.1 + EDR (SPP/HID/DUN/GAP)
Card slot		microSDHC/microSD card (~32GB)×1	
Power	Main battery	Alkaline AAA battery × 3 or AAA eneloop® battery × 3	
	Operating time*3 — Alkaline battery	85 hours*4	
	eneloop®	70 hours*4	
Additional functionality		Clock, Buzzar, Vibelation, Battery and voltage indicators	
Environmental performance	Operating temperature	-5 to 50°C*5 *6	
	Security level	IP54	
	Drop resistance*7	Dropped from 2.0 m/1.2 m above concrete floor, on all 6 faces, 10 times each (total 60 times)	
Mass (including AAA eneloop® battery)		Approx. 128 g	

*1 The user area includes font file area (approx 400KB). *2 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. *3 Operating times shown are reference values at room temperature and may vary depending on working conditions. *4 In the case of once reading per 5 seconds. Backlight level is 1. *5 Operation temperature of eneloop®. *6 Zero to 40°C when batteries are being recharged. *7 Result obtained in a test under regular temperature is shown and not meant as a guarantee.

Option (sold separetely)

● **Holder, which performs data communication with BHT communication unit and the up-level device**
- CU-AU1-15 (USB communications + recharging)
- CU-AR1-15 (RS232C communications + recharging)
- CU-AL1-15 (Ethernet communications + recharging)

Additional functionality			CU-AR1-15	CU-AL1-15	CU-AU1-15
Communication	Between BHT and host	Communication mode	RS-232C	Ethernet(100BASE-TX)	USB2.1 Full speed mode-compatible
Charging	Charging time		Approx. 5 hours		
Size (mm)			110(D)×95(W)×98(H)		
Working voltage			AC adapter		Supplied from USB port/AC adapter

* The AC adapter is sold separately.

● **Communication cable**
- CBBHT-US2000/C15-4A
* BHT-1500 can be recharged by connecting it to a USB charger or other power adapter, or a PC USB port. When recharging the BHT-1500, use a device that satisfies the following output and USB charging specifications.
  Output specifications: DC5±0.25V (power voltage); 1.0 A or higher (power current)
  USB charging specifications: Battery Charging Specification, Rev 1.2

● **Recharger**
- CH-A4-15 (4 serial battery rechargers)

● **Soft case and others**
- SCBHT-900/1500 (soft case)
- WHBHT-1500 (waist case)
- NSBHT-1300 (neck strap)

Components

● **Guidelines for operation** ● **Instruction manual** HP↓
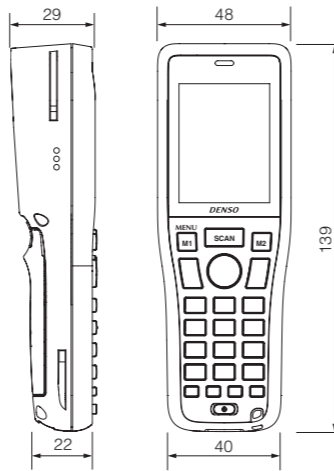● **Hand strap**
* Batteries and eneloop® are not supplied with this product.

To use this product safely
● Before using this product, please read its User's Manual thoroughly for correct use.

Dimensions
Unit: mm (for reference only)

29 48 139 22 40

Software (sold separately)

● **Development tools**
- BHT-BASIC4.0 Creator

Package contents
- BHT-BASIC4.0 Creator
- BHT-BASIC4.0 transfer utility
- BHT-BASIC4.0 simulator

- BHT Advanced Pack II

Package contents
- BHT Advanced Pack II
  Application production tool/communication tool
- BHT-BASIC4.0 simulator
- Assist Pack Pro (produced by Computer Assist Co., Ltd.)

● **Preinstalled software**
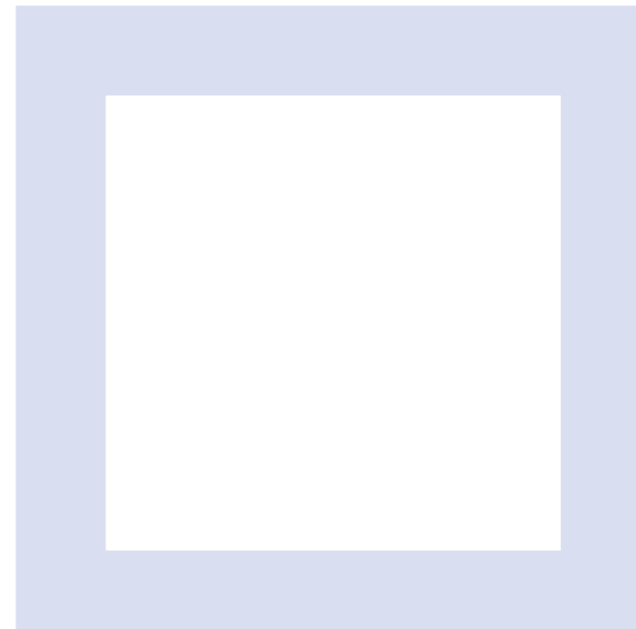- Easy Pack Ad for BHT-1500

● **Software for setting**
- BHT Setting HP↓

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/adcd/

Featuring the function of "lightness"

[Full size]
* Conceptual image

GLOBAL PRODUCTS

3 YEAR WARRANTY

1247F-1 2015.8

Basic functions packed into the compact body

Light, eye-friendly and contoured

DENSO
BHT-1500

DENSO

MENU
M1 SCAN M2

F5
F7 F8
BS/C ENT
F6
ABC DEF
1 2 3
GHI JKL MNO
4 5 6
PQRS TUV WXYZ
7 8 9
+-%$_ ./sp*
• 0 SF
F1 F2 F3 F4

■ BHT-1500 series can be used in a wide variety of situations.

Lightest-in-class compact body

BHT-1500 series has a light, compact and highly portable body weighing just 128 grams, the lightest in the industry among handheld terminals in the same class. This helps maximize productivity as the operators can use the device for lengthy periods with no physical strain on themselves.
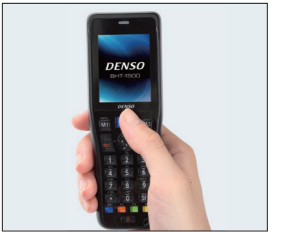
Quick scanning performance

With its unique scanning angle and high performance barcode reader the BHT-1500 series users can scan barcodes while viewing the screen, enabling efficient work in the field.

Excellent operability. Contoured body with well laid out keys

The ergonomically designed BHT-1500 sits comfortably in your hand and well positioned keys enable single handed use.

Excellent durability

Since BHT-1500 series is resistant to drops from a height of 2.0 meters, you can use it for daily operation with peace of mind.

Largest-in-class 2.0-inch color liquid crystal screen

BHT-1500's compact body is equipped with a 2.0-inch QVGQ colour liquid crystal screen, the largest among handheld terminals in its class. The ensures that application screens and product images are displayed very clearly helping reduce operator errors.

Reliable even when accidents happen

Should the battery be disconnected, the transaction function automatically restores the device to the previous status in the application. The flash file system will retain inputted data without the need for batteries, ensuring reliable device performance and confidence your data will not be lost.

A microSDHC card can be used as an external memory

When you need to store large files or increased data a microSDHC card can be used providing peace of mind.
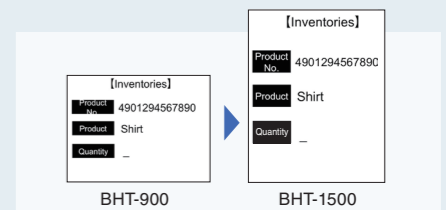
32GB micro

Many convenient functions, enabling easy adoption

Excellent application compatibility with existing models

BHT-1500 series has excellent compatibility with applications developed for existing models with BHT-BASIC. With the display compatibility mode, applications developed for BHT-900 can be used without changing the display layout settings.

* Some applications may need revisions.

【Inventories】
Product No. 4901294567890
Product Shirt
Quantity _

BHT-900

【Inventories】
Product No. 4901294567890
Product Shirt
Quantity _

BHT-1500

Files can be easily transferred by connecting the device via USB to your PC

Data can easily be transferred by simply dragging and dropping. So you can be operational with minimal effort.

* In MTP mode setting

eneloop® can be used. Recharging time is reduced by half compared to existing models*1

In addition to convenient dry-cell batteries, BHT-1500 can use eneloop rechargeable batteries. The device can be fully recharged in 5 hours - about half time of previous models.
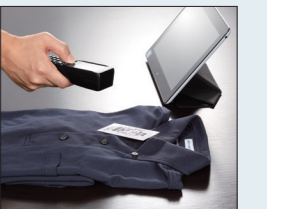
*1 Compared to the BHT-900 series.
*2 No dry-cell battery adapter is required.

Can be used immediately. The basic operation application "Easy Pack Ad" is preinstalled

"Easy Pack Ad" is a preinstalled application that can be used for collection of data verification and other basic operations. You can start operations immediately without developing any additional applications.

Job Menu
1.Collect
2.1 to 1 Verify
3.1 to n Verify

Transfer

1 to n Verify
Master Data
[1111111111178]

Comparing Data
[   ]
OK

Master Menu

Can be connected to a tablet or smartphone via Bluetooth®
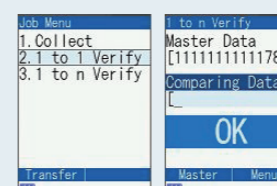
* BHT-1500BB model only

BHT-1500BB model is Bluetooth HID-enabled, enabling easy data transfer to tablets and smartphones.

3-year warranty provides peace of mind

DENSO WAVE provides a three-year warranty to customers who have registered on its website, giving peace of mind. Our customer service personnel and sales representatives quickly respond to any issue our customers may experience including device failures and make every effort to ensure that customers can use DENSO WAVE's handheld terminals with confidence.

3 YEAR WARRANTY