Automatic Data Capture Solutions

SISQUAL
effective team management

TTID
TOYOTA TSUSHO ID SYSTEMS



BHT-900 Series

DENSO

BHT-900 Series:
Easy to use with excellent functionality

The BHT-900 offers outstanding performance at an affordable price and features a superb maximum reading speed of 400 scans per second. Thanks to CCD technology, it can even read damaged or poor-quality barcodes. The device can run for an extraordinary 200 hours between charges and is extremely robust, being able to withstand 60 drops onto concrete from a height of 1.2 meters.





BHT-OS

A powerful performer

CCD technology (Charged Coupled Device)

- Top-quality reading performance
- High-speed scanning of up to 400 scans/second
- Excellent recognition, even with hard-to-read or damaged barcodes

Battery

- Battery life of up to 200 hours between charges
- Compatible with eneloop® rechargeable batteries
- Can be charged using a base station or USB cable

Large storage capacity

- 16 MB





User friendly

Practical design

- Slim and light: fits in a shirt pocket
- Ergonomically shaped head for easy scanning
- Three trigger keys enable scanning with thumb and index finger

Multi-communication

- Bluetooth 2.1
- Batch communication: compatible with RS323C, USB
- USB direct connection compatible with USB-COM and MTP (Media Transfer Protocol)

Security

- Stable BHT-OS operating system
- Saves data even without battery

Long-lasting

Durability

- Quality and reliability for many years
- Rugged: the only device in its class to withstand 60 drops onto concrete from a height of 1.2 meters
- Dust- and waterproof to IP54 standard

Technical data

Storage		
CPU		
Memory[1]		
Operating system		
Display		
Resolution		
Display		
Size		
Visual representation		
Foreground illumination		
Scanner		
Scanning system		
Codes supported		
Resolution		
Scan confirmation		
Keypad		
Number of keys		
Data transfer		
Optical interface	Standard	
	Transfer speed	
	Max. distance	
Bluetooth®		
Cable interface		
Power supply		
Main power supply		
Battery operating time[3]		
Tools		
Operating conditions		
Operating temperature		
Water splash/dust protection		
Durability[5]		
Weight		



Superior ID-Technology

BHT-904B	BHT-904BB
32 bit RISC	
16 MB (user area: 8 MB)	
BHT-OS	
128 × 96 pixels	
Liquid crystal dot matrix display (monochrome)	
32.6 x 24.5 mm	
21 lines x 12 characters (standard size), 21 lines x 16 characters (small)	
White LED	
Advanced Scanning (CCD)	
EAN-13/-8 (JAN-13/-8), UPC-A/-E, UPC/EAN with additions, Interleaved 2 of 5, Standard 2 of 5, CODABAR (NW-7), CODE39, CODE93, CODE128, GS1-128 (EAN-128), RSS (GS1 DataBar)	
0.125 mm	
Three-color LED (red/green/blue)	
28 keys (including 3 trigger keys)	
Infrared (IrDA-SIR Version 1.2 [low power] compatible)	
460.8 kbit/s max.	
ca. 0.15 m	
–	Bluetooth Version 2.1 (EDR Class 2 compatible)
USB Version 2.0 (Highspeed 480 Mbit/s), USB-COM/MTP(2)	
2 x alkaline AA batteries or 2 x AA eneloop® rechargeable batteries	
Up to 200 hours (4)	
High end beeper, resume function, remote activation function	
–5 °C ~ 50 °C	
IP54	
Ten surfaces of unit, six times each (total 60 times) from 1.2 m (47.2 inches) onto concrete floor	
ca. 160 g including batteries	

(1): The user area includes an area for text files (ca. 400 kbit)
(2): MTP = Media Transfer Protocol
(3): Battery life can vary under different operating conditions
(4): When reading two barcodes in 10 second intervals and not using the Bluetooth interface
(5): Test value, without guarantee

BHT-900



Accessories

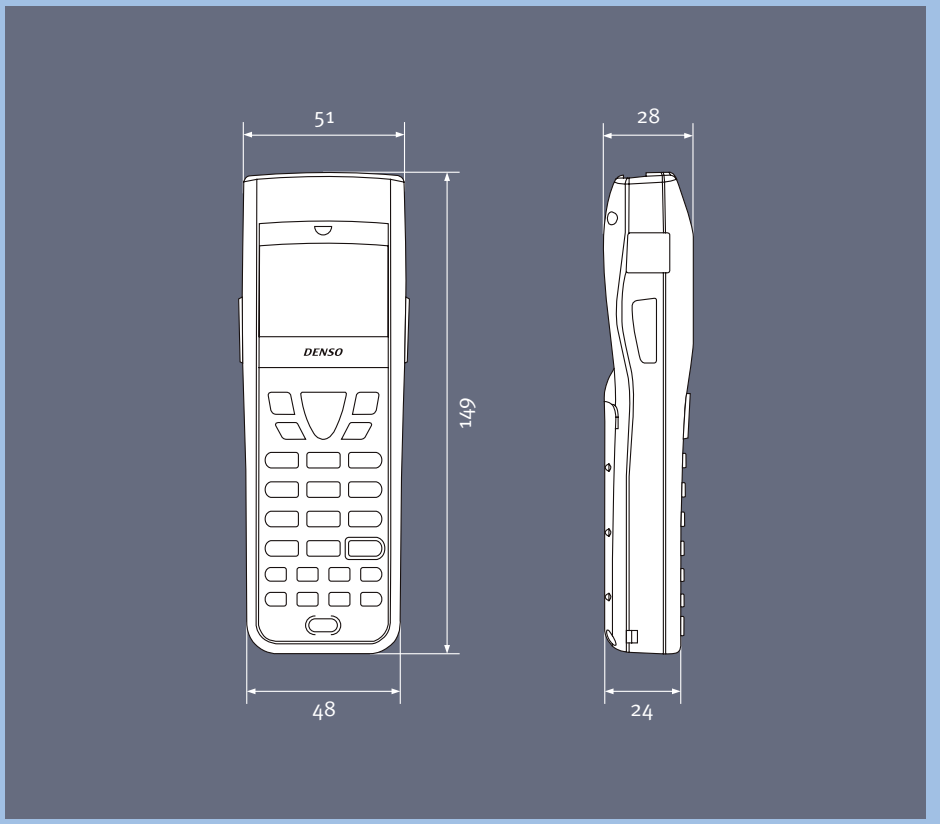
- Carrying strap
- Instruction manual

Optional Accessories (not supplied)

- Communication units
  CU-901 (RS232C with charging function)
  CU-921 (USB with charging function)
- Battery charger
  CH-951 (single charger)
  CH-954 (4-slot charger)
- USB cable
  CBBA-US2000/4-01
- Shoulder strap
  SCBHT-900B (case for BHT-900)
  NSBHT-900 (strap for BHT-900)
  WHBHT-900 (hip pocket for BHT-900)



Dimensions in mm



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Please note

Please read the instruction manual carefully before operating this device. Technical details may be changed at any time without prior notice. Details correct as of March 2011.

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