DENSO

Bar Code Handy Terminal

# BHT-200B/BW

## Introducing the New Concept BHT with a QVGA color large screen and Windows® CE. NET

# DENSO

## BHT-200B/200BWFEATURES

### Features

#### Progressive Advanced Scanning

At a range of up to 700mm the advanced CCD scanning system enables high performance reading capability, even narrow bar labels are quickly read at this distance.

#### High Durability

・The CCD scan engine has no moving parts ensuring superior durability.

・Shock Resistant to withstand multiple drops from 1.2m onto concrete, and sealed against water and dust to IP54 international standard.

#### High Speed Processing

With DENSO's specially developed driver, scanned bar code information is quickly processed and shown on the display.

#### Microsoft Windows® CE.NET

The latest Microsoft embedded Operating System provides an open architecture for application development.

#### Development Tools

Microsoft embedded Visual C ++4.0
Windows CE Version BHT
Software Developer's Kit (SDK)

※This software can be downloaded from www.denso-wave.com

#### High-speed IEEE802.11b Wireless Communication

Standard radio frequency technology IEEE 802.11b enables 11Mbps high-speed wireless communication.

#### Grip model

・Designed for various logistic industrial application.
・Additional battery in a grip enables long lasting operation. <Battery Power 1700mAh>

### Accessories

・Hand Strap
・Touch Pen

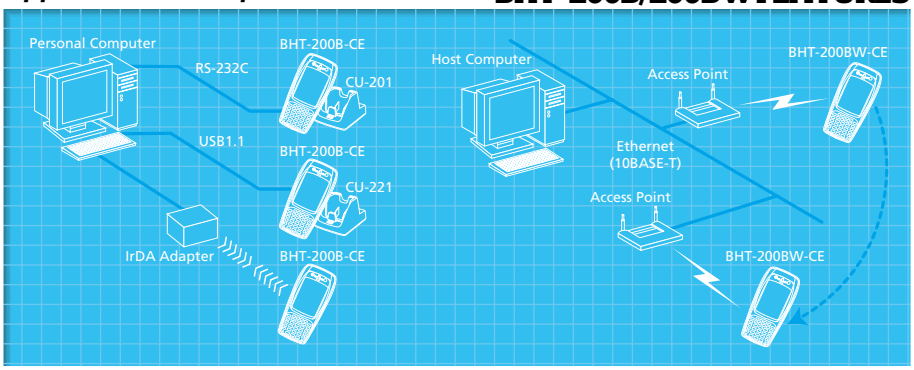
### Options (sold separately)

・Optical Communication
  Unit CU-201(RS-232C interface)
  Unit CU-221(USB1.1 interface)
・Lithium Ion Battery Charger CH-201
・Lithium Ion Battery BT-20L

### New Release Soon

・2D Imager
・Bluetooth I/F

### Application Example



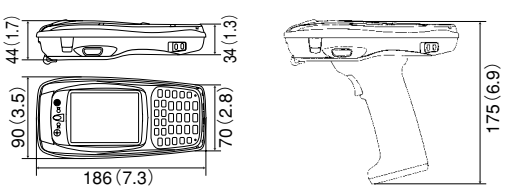

### Specifications

| | | | BHT-260B-CE | BHT-260BW-CE |
|---|---|---|---|---|
| Controller | CPU | | Intel XScale PXA250 | |
| | Memory | | RAM:32MB FlashROM:32MB (expandable CF slot) | |
| Display | Size | | 240×320 dots (QVGA) | |
| | Display Device | | Liquid crystal dot matrix color display | |
| | Backlight | | YES (LED) | |
| Scanner | Method | | Advanced scanning (CCD) | |
| | Scanning Area | | Max. 700mm *1 | |
| | Scanable Codes | | EAN-13/-8, UPC-A/-E, UPC/EAN (with add ON), CODABAR(NW-7), CODE39, CODE93, Interleaved 2 of 5, CODE128 (EAN-128), STF | |
| | Resolution | | 0.125mm (PCS≧0.9) | |
| | Scanning Confirmation | | 2-color LED (red and blue) buzzer, vibrator | |
| Keypad | Number of Keys | | 30 keys (not including power key) plus 2 magic keys | |
| Communications | Wireless I/F | Certificate | — | IEEE802.11b |
| | | Frequency | — | 2.4GHz band |
| | | Range *2 | — | Indoor: approx. 75m, Outdoor: approx. 200 m |
| | | Modulation | — | Spectrum diffusion (direct diffusion system) |
| | | Speed *2 | — | 11/5.5/2/1Mbps (automatic selection) |
| | Optical I/F | System | Infra-red (IrDA1.2 compliant) | |
| | | Speed | 115.2 kbps MAX. | |
| | | Range | Approx. 0.2m | |
| | Cable I/F | | USB 1.1 | |
| Power Supply | Main Battery | | Lithium-ion battery (sold separately) | |
| Auxiliary Functions | | | Clock, buzzer, vibrator, remaining battery display | |
| Weight | | | Approx. 360g | Approx. 380g |
| Environmental Requirements | | Operating Temp. | −5℃～50℃ | |
| | | Water/Dust proof | IP54 | |
| | | Shock Resistance | 1.2m (onto concrete) ×30 *3 | |

*1: Narrow bar width over 0.635 mm, peripheral lighting over 500 lux.
*2: Range and speed depend on environmental conditions.
*3: Tested value, not guaranteed.

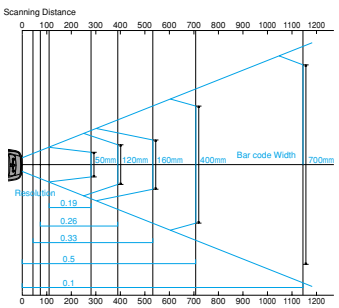
### Dimensions

Unit:mm(inch)




### Scan Range

Unit:mm




●Specifications are subject to change without notice.
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