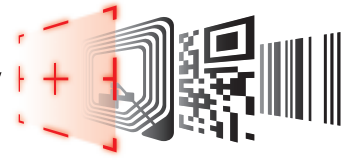


DENSO

Member of the TOYOTA Group

Superior ID-Technology



Bar Code Handy Terminal



BHT-200 Series

The BHT product range:
with large QVGA screens and
Microsoft® Windows® CE.net

BHT-200 Series: Especially robust and suitable for a variety of purposes.

Discover a new freedom: Our portable “all-in-one” devices enable fast and reliable scanning everywhere. A particular advantage is the rapid scanning and processing of the captured data, just one more reason why the terminal is so user friendly.

High performance

Progressive Advanced Scanning Technology

- Advanced scanning CCD (Charged Coupled Device) system for fast scanning at ranges of up to 700 mm – even for codes with narrower bars (0.635 mm)

High-speed Processing

- A specially developed driver ensures high-speed processing of the scanned bar code data, which then appears on the display immediately



High-speed data transfer

- Standard RF technology pursuant to IEEE802.11b enables wireless data transfer with 11 Mbps



Long life

- No moving parts in the CCD scanning element
- Shock resistant (resists repeated dropping onto concrete from a height of 1.20 m)
- Dust and waterproof pursuant to international standard IP54

Versatile

Grip model (BHT-280BW-CE)

- Designed for various industrial logistics applications
- Extra battery in the grip enables longer use without mains supply

User-friendly

Microsoft® Windows® CE.net

- The new embedded operating system provides an open architecture for application development

Development Tools

- Microsoft® eMbedded Visual C++4.0 (SP1 or later)
- BHT-200 Software Developer's Kit (SDK)



Technical Data

		BHT-260B-CE	BHT-260BW-CE	BHT-260QW-CE	BHT-280QW-CE
Controller	CPU	Intel® XScale™ PXA 250 (400 MHz)			
	Memory	RAM: 32 MB, FlashROM: 32 MB (expandable CF slot)		RAM: 64 MB, FlashROM: 32 MB (expandable CF slot)	
Display	Size	240 x 320 dots (QVGA)			
	Display Device	Liquid crystal dot matrix color display			
	Frontlight	White LED Type Front light			
Scanner	Method	Advanced Scanning (CCD)			
	Scanning Area	Approx. 700 mm ⁽¹⁾			
	Readable Codes				
	2 Dimensional Codes			QR Codes, Micro QR Codes, DataMatrix (ECC200), PDF417, Maxi Code, EAN UCC Composite, Micro PDF	
	Bar 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, MSI			
	Resolution				
	2 Dimensional Codes			0.25 mm	
Bar Codes	0.15 mm (PCS ≥ 0,9)				
Reading Confirmation	2-color LED (red and blue), buzzer, vibrator		Blue-LED, buzzer (with volume control), vibrator		
Keypad	Number of keys	30 keys (alphanumeric keyboard) + 2 Trigger keys		30 keys (alphanumeric keyboard) + 2 Trigger keys	30 keys (alphanumeric keyboard) + 3 Trigger keys
Communications	Optical I/F				
	System	Infrared (IrDA-SIR 1.2-compliant)			
	Speed ⁽²⁾	115.2 Kbps max			
	Max. distance ⁽²⁾	Approx. 15 m			
	Cable I/F	USB 1.1 (Mini-B)			
	Wireless I/F				
	Certificate	-		IEEE802.11b	
	Frequency	-		2,4 GHz Range	
	Modulation	-		DSSS	
	Speed ⁽²⁾	-		11/5.5/1 Mbps (automatic selection)	
Cable I/F	USB				
Power Supply	Main Battery	Lithium-ion battery			
	Operation hours ⁽³⁾	8 hours	15 hours	7 hours	14 hours
Auxiliary Functions	Clock, buzzer, vibrator, remaining battery				
Weight	Approx. 360 g		Approx. 380 g	Approx. 390 g	Approx. 420 g
Environmental Requirements	Operating Temperature	-5 °C ~ 50 °C			
	Water/Dust proof	IP54			
	Shock Resistance	1.2 m (onto concrete) x 30 times ⁽⁴⁾			

(1): Narrow bar width 0.635 mm or over, peripheral lighting min. 500 lux.
 (2): maximum range and speed depend on operating conditions.

(3): Assuming an operating cycle with wireless communication/scanning/screen display/standby operation ration of 1:1:1:20, using a new battery and with wireless communication always on while the buzzer, vibrator and front light are switched off.
 (4): Test value; not guaranteed.



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Note

Carefully read the user manual before using the device. Specifications are subject to change without notice. Information current as of June 2004.

Accessories

- Carrying strap
- Touch pen

Optional accessories (not supplied)

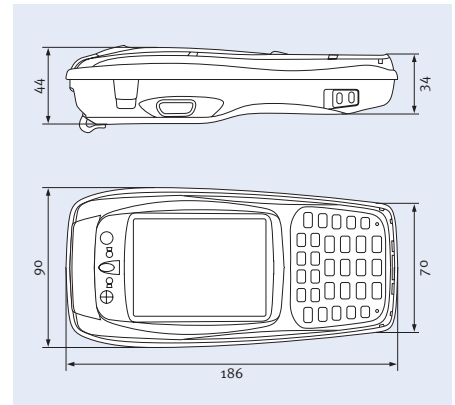
- Optical communication unit CU-201 (RS-232C interface)
- Lithium-ion battery charger CH-201
- Lithium-ion battery BT-20L



Available shortly

- 2D Imager
- Bluetooth interface
- Communication unit CU-221 (USB 1.1 interface)

Dimensions (in mm)



Company Stamp