



BHT-700 Series

Grows with your requirements

BHT-700 Series: The modular system makes the difference



The BHT-700 was developed as a modular system: it was thus designed to be flexible from the very outset. As a modular handheld terminal the BHT-700 has an open hardware and software platform: it supports various technologies, such as Batch, WLAN, GPRS and Bluetooth®. Thanks to the open architecture, hardware conditions are created, as with a PC, to adapt to different requirements. This permits individual variations and ensures investment security.



Powerful

Advanced CCD scan system

- No movable parts
- Particularly robust
- Optimum recognition even when barcodes are difficult to read or damaged

Modular

Internal interfaces for future technologies

- 2 UARTs
- 1 USB host
- 1 Compact Flash I/F

Durable

Long service life

- Shockproof (drop onto concrete from 1.5 m)
- Dust- and water-resistant according to the international standard IP54

User-friendly

Voice control

- One hand operation with side & magic keys
- Supports Voice Picking (headset jack, microphone, receiver)

LCD color display

- Excellent QVGA color display
- High speed display

		BHT-710BB-CE	BHT-710BWB-CE / WM	BHT-760BWBG-CE / WM	BHT-760QWBG-CE / WM
Controller					
CPU		PXA 270 (624 MHz)			
Memory		RAM: 128 MB (user area: 80 MB), Flash memory: 128 MB (user area: 80 MB) = CE / RAM: 128MB, ROM: 256 MB (user area: FlashFolder: 23 MB, others: 106 MB) = WM			
Operating system		Windows® CE 5.0	Windows® CE 5.0 / Windows® Mobile 6.1		
Display					
Resolution		240 x 320 dots (QVGA)			
Display device		Liquid crystal dot matrix color display			
Back light		LED			
Scanner					
System		Advanced Scanning (CCD) 1D		Area Scanning (CCD) 2D	
Scanning area		Max. 700 mm ⁽¹⁾		-	
Readable codes	2D codes	-		QR Code, MicroQR Code, PDF417, MicroPDF417, Maxi Code, DataMatrix (ECC200), EAN.UCC Composite	
	Barcodes	EAN-13/-8, UPC-A/-E with add-on, Interleaved 2 of 5, CODABAR (NW-7), CODE39, CODE93, CODE128 (EAN-128), STF, MSI, RSS		EAN-13/-8, UPC-A/-E with add-on, Interleaved 2 of 5, CODABAR (NW-7), CODE39, CODE93, CODE128 (EAN-128), MSI, RSS	
Resolution	2D codes	-		0.25 mm	
	Barcodes	0.125 mm			
Reading confirmation		2-color LED (red, blue), buzzer, vibrator			
Keypad					
Number of keys		30 keys (numeric) + 3 trigger keys		45 keys (alphanumeric) + 3 trigger keys	
Communications					
Optical interface	Standard	Infrared (IrDA-SIR Ver. 1.2 [Low Power] compliant)			
	Speed	115.2 kbit/s			
	Range	Approx. 15 cm			
Wireless interface	Standard	-	IEEE802.11 a/b/g, CCX V.4 certified ⁽²⁾		
	Frequency	-	IEEE802.11 a: 5 GHz, IEEE802.11 b/g: 2.4 GHz		
	Range ⁽³⁾	-	802.11 a: indoor: approx. 50 m, 802.11 b/g: indoor: approx. 175 m, outdoor: ca. 350 m		
	Speed ⁽³⁾	-	802.11 b: 11/5,5/2/1 Mbit/s max., 802.11 a/g: 54/48/36/24/18/12/9/6 Mbit/s max.		
	Security	-	WEP40.128, WPA-PSK (TKIP), WPA2-PSK (AES), WPA-1x (TKIP/EAP-TLS, PEAP), WPA2-1x (AES/EAP-TLS, PEAP), 802.1x (EAP-TLS, PEAP)		
GPRS		-		EDGE/GPRS/GSM	
Bluetooth®		Bluetooth® Ver. 2.0 conform			
Cradle interface		RS-232C, USB			
Audio		Microphone, receiver		Microphone, headset jack, receiver	
Power supply					
Main battery		Lithium-ion battery			
Operating hours ⁽⁴⁾		Approx. 12 hours ⁽⁵⁾		Approx. 10 hours ⁽⁵⁾	
Auxiliary functions					
		Clock, beeper, vibrator, low battery indication			
Environmental requirements					
Operating temperature		-10°C ~ 50°C ⁽⁶⁾			
Splash water/dust proof		IP54			
Shock resistance		1.5 m multiple, 1.2 m 30 times to concrete floor ⁽⁶⁾			
Weight					
		Approx. 320 g	Approx. 330 g	Approx. 410 g	

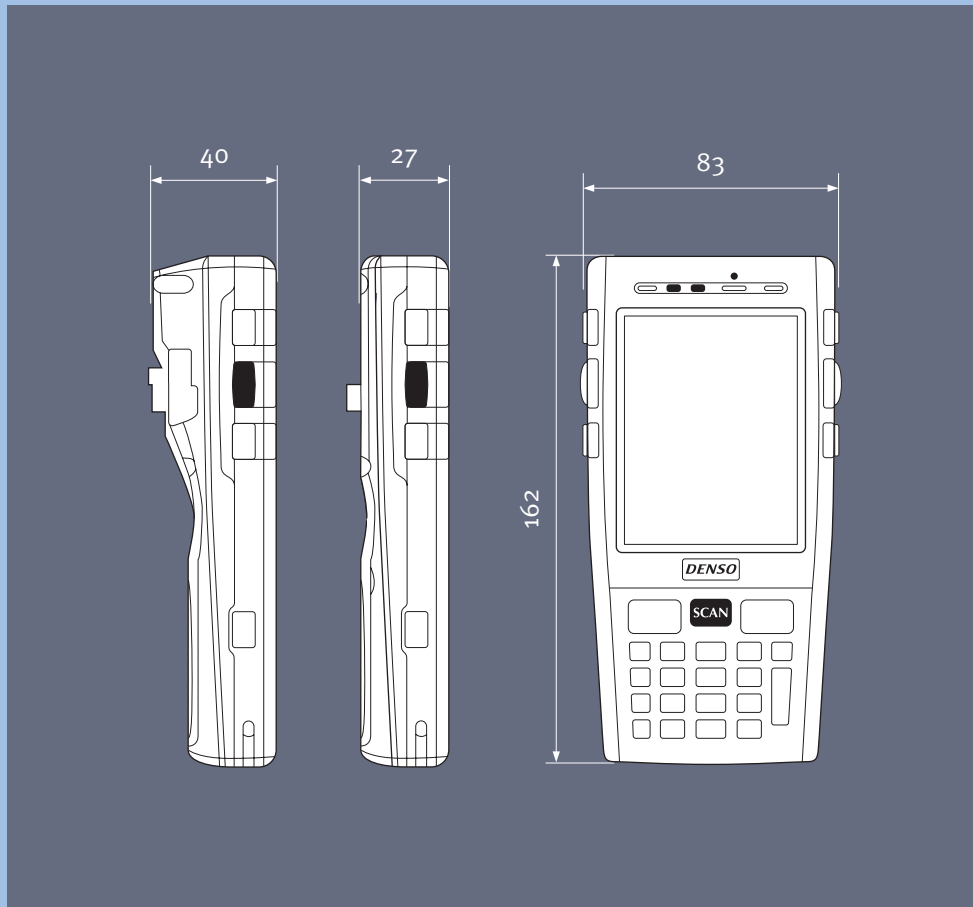
(1): Narrow bar width 1.0 mm or over, peripheral lighting min 500 lux
(2): Currently only on CE 5.0 units available

(3): Maximum range and speed depend on operating conditions
(4): When reading twice in a 10 seconds and not using the wireless interface with standard battery

(5): Depends on battery size
(6): Test value; not guaranteed

BHT-700

Dimensions in mm



Accessories

- CU with USB & RS-232C interface
- 4 slot Ethernet CU
- Vehicle holder with charging function
- Charger
- 4 slot battery charger
- Standard battery
- Large battery
- Power supply
- Gun grip



Note

Carefully read the user manual before using the device. Specifications are subject to change without notice. Information current as of August 2009.

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