



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.

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 Mbit/s
- Security standards WPA/802.1x, WPA/PSK



Technical data

Controller	
CPU	
Memory	
Operating system	
Display	
Resolution	
Display device	
Frontlight	
Scanner	
System	
Scanning area	
Scanable Codes	2-D Codes
	Barcodes
Resolution	2-D Codes
	Barcodes
Scanning confirmation	
Keypad	
Number of keys	
Communications	
Optical interface	Standard
	Speed ⁽³⁾
	Range ⁽³⁾
Wireless interface	Standard
	Frequency
	Range ⁽³⁾
	Speed ⁽³⁾
	Security
	Authentication
Cable interface	
Power supply	
Main battery	
Operating hours ⁽⁴⁾	
Auxiliary functions	
Environmental requirements	
Operating temperature	
Splash water/Dust proof	
Shock resistance	
Weight	

Long life

High durability

- 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

Gun-grip models

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

User-friendly

Microsoft® Windows® CE.net 5.0

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

Development tools

- Microsoft® embedded Visual C ++4.0 (latest Service Pack)
- Microsoft® Visual Studio®.net 2003/2005 (VB.net & C#)
- BHT-200 Software Developer's Kit (SDK)



Superior ID-Technology



BHT-212B-CE	BHT-262B-CE	BHT-282B-CE	BHT-212BW-CE	BHT-232BW-CE	BHT-262BW-CE	BHT-282BW-CE	BHT-212QW-CE	BHT-262QW-CE	BHT-282QW-CE
Intel® XScale™ PXA 270 (520 MHz)									
RAM: 128 MB (User area: 90 MB), Flash memory: 64 MB (User area: 30 MB)									
Microsoft® Windows® CE.net 5.0									
240 x 320 dots (QVGA)									
Liquid crystal dot matrix color display									
white LED Type front light									
Advanced Scanning (CCD) 1D max. 900 mm ⁽¹⁾					Area Scanning (CCD) 2D max. 260 mm ⁽²⁾				
-					QR Code, Micro QR Code, PDF417, MicroPDF417, Maxi Code, DataMatrix, EAN.UCC Composite				
EAN-13/-8 (Jan-13/-8), UPC-A/-E, UPC/EAN with add-on codes, Interleaved 2 of 5, CODABAR (NW-7), CODE39, CODE93, CODE128 (EAN-128), Standard 2 of 5, MSI code					EAN-13/-8 (JAN-13/-8), UPC-A/-E, UPC/EAN with add-on codes, Interleaved 2 of 5, CODABAR (NW-7), CODE39, CODE128 (EAN-128), Standard 2 of 5, MSI code, RSS				
-					0.25 mm				
0.15 mm									
2-color LED (red/blue), buzzer, vibrator							blue LED, buzzer (with volume control), vibrator		
26 keys (numeric) + 2 trigger keys	30 keys (alphanumeric) + 2 trigger keys	30 keys (alphanumeric) + 3 trigger keys	26 keys (numeric) + 2 trigger keys	26 keys (numeric) + 3 trigger keys	30 keys (alphanumeric) + 2 trigger keys	30 keys (alphanumeric) + 3 trigger keys	26 keys (numeric) + 2 trigger keys	30 keys (alphanumeric) + 2 trigger keys	30 keys (alphanumeric) + 3 trigger keys
Infrared (IrDA-SIR 1.2-conform)									
115.2 kbit/s									
Approx. 15 cm									
-					IEEE802.11b				
-					2.4 GHz				
-					Indoor: approx. 75 m, Outdoor: approx. 150 m				
-					11/5.5/2/1 Mbit/s (automatic selection)				
-					WPA				
-					EAP-TLS, PEAP				
RS232C (115.2 kbit/s max.), USB 1.1 (Mini-B)									
Lithium-ion battery									
15 hours	30 hours (2 batteries)	15 hours	30 hours (2 batteries)	15 hours	30 hours (2 batteries)	12 hours	12 hours	24 hours (2 batteries)	
Clock, buzzer, vibrator, remaining battery									
-5 °C ~ 50 °C									
IP54									
1.20 m/30 times on concrete floor ⁽⁵⁾									
Approx. 360 g	Approx. 440 g	Approx. 380 g	Approx. 460 g	Approx. 380 g	Approx. 460 g	Approx. 390 g	Approx. 390 g	Approx. 470 g	

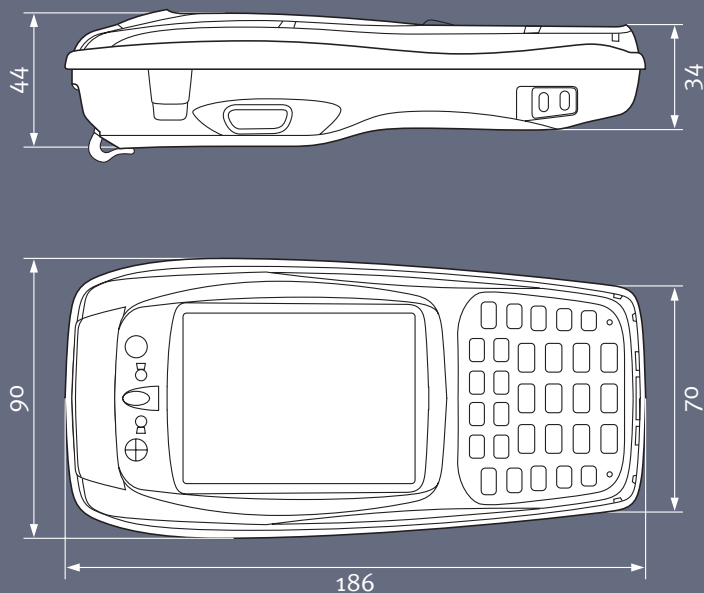
(1): Narrow bar width 1.0 mm or over, peripheral lighting min. 500 lux.
 (2): Barcode: Narrow bar width 0.25 mm or over, peripheral lighting min. 500 lux.
 (3): Maximum range and speed depend on operating conditions.

(4): When reading twice in a 10 seconds and not using the wireless interface.
 (5): Test value; not guaranteed

BHT-200



Dimensions in mm



Accessories

- Lithium-ion battery BT-20L
- Hand strap
- Stylus

Optional accessories (not supplied)

- Communication unit
(USB 1.1 interface)
- Cradle (Charging only)
- Lithium-ion battery charger CH-201
- Holster
- Softcase



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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 August 2007.

Company Stamp