



BHT-600 Series
High performance for
demanding applications

BHT-600 Series: Best read performance in mobile data capture

The BHT-600 series was especially developed for the demanding applications in production, logistics and the retail trade. The read performance allows DENSO to set new standards for mobile data capture. The long-term operating period of 24 hours is also considered to be unmatched. With the BHT-600 series DENSO offers a powerful and versatile model range.

The BHT-600 series supports DENSO OS. This operating system was developed by DENSO to satisfy the requirements of the auto-ID sector. Among other things this means high reliability, effective memory usage, low power consumption, reliable data and program storage, simple installation, support of HTML browsers, terminal emulation and downward compatibility with previous models.



Powerful

Advanced laser scan system

- Particularly robust
- Optimised Scanning range: EAN code from 25 mm to 30 cm; logistics ITF barcodes up to 82 cm
- Excellent recognition even when barcodes are difficult to read or damaged

Durable

Long service life

- Shockproof (drop onto concrete from a height of 1.20 m)
- Dust- and water-resistant according to the international standard IP54



Technical Data

Memory	
Display	
Resolution	
Display device	
Scanner	
Readable codes	
Resolution	
Reading confirmation	
Keyboard	
Number of keys	
Communications	
Optical interface	Standard
	Speed
	Range
Wireless interface	Standard
	Frequency
	Range ⁽¹⁾
	Speed ⁽¹⁾
	Access method
	Security
Cable interface	
Power supply	
Main battery	
Operating hours	
Auxiliary functions	
Environmental requirements	
Operating temperature	
Splash water/dust proof	
Shock resistance ⁽⁴⁾	
Weight	

Functional

Long-term operation

- Can operate up to 24 hours
- Can operate up to 8 hours with continuous wireless connection

User-friendly

Large LCD color display

- High-resolution QVGA color display (approx. 7 cm)
- Excellent display quality

Reliable operating system

- DENSO OS, especially developed for the auto-ID sector
- Stable, reliable, efficient, downward compatible with previous models



Superior ID-Technology



BHT-604B	BHT-604BW
16 MB (user area: 10 MB)	
240 x 320 (QVGA)	
Liquid crystal dot matrix display (color)	
EAN-13/-8, UPC-A/-E, UPC/EAN with add-on codes, Interleaved 2 of 5, Standard 2 of 5, CODABAR (NW-7), CODE39, CODE93, CODE128 (EAN-128), RSS	
0.127 mm	
3-color LED (red, green, blue), buzzer, vibrator	
28 keys (incl. Power switch) + 2 trigger keys	
Infrared (IrDA Ver. 1.3 [Low Power] compliant)	
4 Mbit/s max.	
Approx. 0.15 m	
-	IEEE802.11b/g
-	2.4 GHz
-	Indoor: approx. 75 m, outdoor: approx. 200 m
-	54 Mbit/s max.
-	Infrastructure mode, Ad hoc mode
-	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)
RS-232C (115.2 kbit/s max.)	
Lithium-ion battery	
Approx. 40 hours ⁽²⁾	
-	Approx. 24 hours ⁽³⁾
Clock, beeper, vibrator, low battery indication	
-5 °C ~ 50 °C	
IP54	
1.2 m (30 times on concrete floor)	
Approx. 265 g	

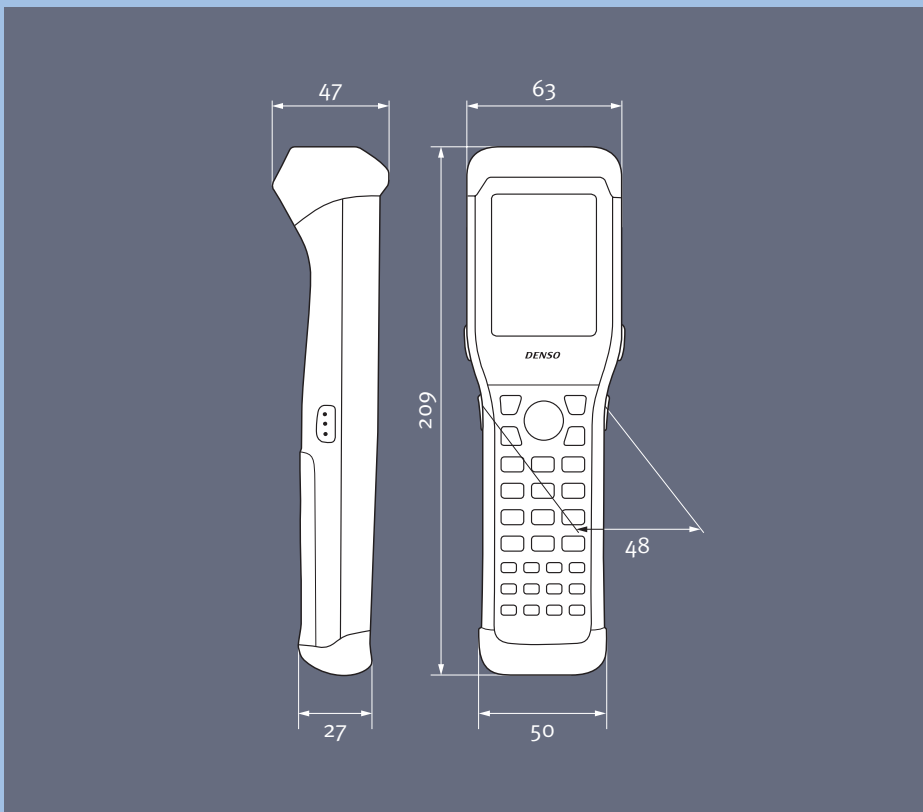
- (1): Communication distance and speed depend on a working environment
 (2): In the case of 2 times reading/10 seconds, backlight level = 1
 (3): At the ratio of: reading : wireless communication : screen rewriting : standby = 1:1:1:20. Backlight level = 1
 Wireless device turns ON only during communication, otherwise it turns OFF
 (4): Tested value; not guaranteed

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Dimensions in mm



Accessories

- Lithium ion battery BT-20LB
- Hand strap

Optional Accessories (not supplied)

- Communication units
CU-601 (RS-232C)
CU-621 (USB)
- Battery charger for the main power supply
battery (CH-651)



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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 March 2009.

Company Stamp