TTID
TOYOTA TSUSHO ID SYSTEMS

BHT-800 Series

Easy data collection at maximum speed

DENSO

BHT-800 Series:
Powerful, fast and user-friendly

Superior ID-Technology

The BHT-800 Series offers outstanding reading performance at top speed. Depending on the model, performance can be as fast as 400 scans per second. Thanks to the use of CCD technology, even poorly readable barcodes can be reliably read. The high-resolution (QVGA) LCD color display and ergonomic design make the BHT-800 a pleasure to use. At the same time, DENSO Wave places great emphasis on robust and durable design. This is why the BHT-800 is the only device in its class specified to withstand the impact of 60 drops onto concrete from 1.2 m.

BHT-OS

Compatibility

- Development language BHT-BASIC 4.0, compatible with existing BHT models
- QVGA screen is compatible with BHT-500 Series
- Can be used with BHT-300 peripherals (CU, charger, battery)

Large display

- QVGA color display: 2.6 inch
- Good legibility and flexible use of colors (e. g. background)

Powerful

CCD technology (Charged Coupled Device)

- Advanced scanning
- High-speed scanning: up to 400 scans per second
- Reliable reading of poorly readable barcodes
- Ability to read different types of code
- Touch reading

Large memory

- 32 MB pre-installed
- Facilitated processing: master file and image data can be saved
- 14 hours of continuous use with wireless connection

User-friendly

Designed for ease of use

- Special software for easy installation, deployment and reliable operation
- Ergonomic design
- Secure data saving, even when changing the battery (Flash File System)
- Web browser

Support tool (BHT Manager)

- Work situation is automatically detected, improving efficiency
- Simple administration
- Free updates

Durable

Shock resistant

- High quality construction for reliability over many years
- Shock resistance: the only device in its class specified to withstand 60 falls onto concrete from 1.20 m
- Dustproof and waterproof according to the IP54 standard
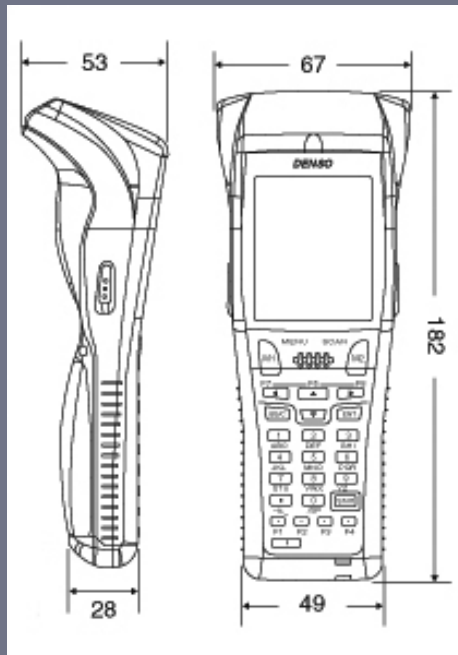- Synthetic resin protected keys to prevent wear and tear of the figures

		BHT-805BW
Memory		
		32 MB
Display		
Resolution		2.6 inch QVGA color display
Display device		Liquid crystal dot matrix color display
Scanner		
Readable codes		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 (GS1)
Resolution		0.127 mm
Reading confirmation		Green, red, blue LED, buzzer, vibration
Keypad		
Number of keys		25 keys (incl. Power switch) + 2 trigger keys
Communications		
Optical interface	Standard	Infrared (IrDA-SIR Ver. 1.3 [Low Power] compliant)
	Speed	4 Mbit/s max.
	Range	Approx. 0.15 m
Wireless interface	Standard	IEEE802.11b/g
	Frequency	2.4 GHz
	Range[1]	Indoor: approx. 75 m, outdoor: approx. 200 m
	Speed[1]	54 Mbit/s max.
	Access method	Infrastructure mode, Ad hoc mode
	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)
Cable interface		RS-232C (115.2 kbit/s max.)
Power supply		
Main battery		Lithium-ion battery
Operating hours		Approx. 14 hours[2]
Auxiliary functions		
		Clock, beeper, vibrator, low battery indication, remote wake-up functions
Environmental requirements		
Operating temperature		−5°C ~ 50°C
Splash water/dust proof		IP54
Shock resistance[3]		1.2 m (60 times on concrete floor)
Weight		
		Approx. 200 g

(1): Maximum range and speed depends on operating conditions
(2): When reading 2 barcodes within 10 seconds: set backlight to level 1
(3): Test value; not guaranteed

BHT-800

BHT-800

Dimensions in mm

Accessories

- Lithium ion battery BT-20LB
- Hand strap

Optional Accessories (not included)

- Communication units
  CU-821 (USB)
  CU-811 (LAN)
  CU-801 (RS232C)
- Cradles
  CH-854 (for four terminals)
  CH-704 (for four batteries)
  CH-851 (for four terminals)
  CH-201A (for four batteries)
- Optional BHT-300 Accessories
- Software
  BHT-Basic 4.0

Note

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

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