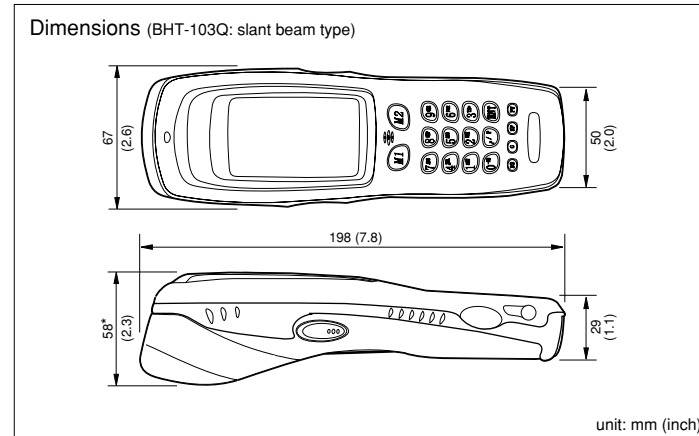


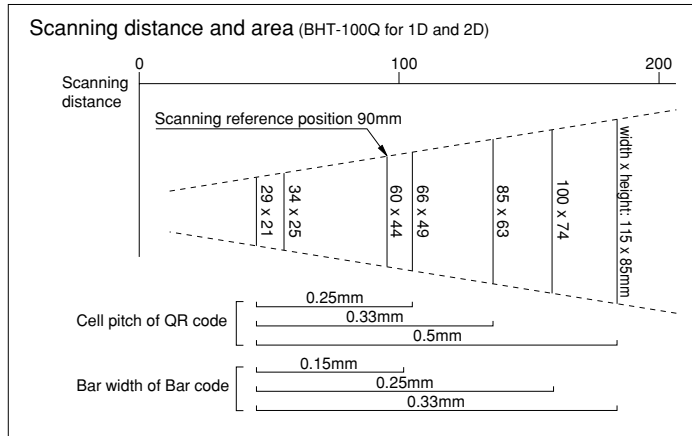
SPECIFICATIONS

Item	BHT-103Q		BHT-103QF		BHT-102B		BHT-102BF		
Controller	CPU	32bit RISC							
	Memory	8MB		4MB					
Display	Display device	FSTN liquid crystal display (4 gray shades)							
	Size	200 dot x 320 dot							
	Capability ^{*1}	Alphanumeric	16 char x 25 lines						
		KANJI <small>(small)</small>	16 char x 25 lines (half width 33 char x 25 lines)						
KANJI <small>(standard)</small>	12 char x 19 lines (half width 25 char x 25 lines)								
Touch screen	YES								
Back light	YES								
Scanner	Method	Area sensor			Advanced ^{*4} scanning				
	Scanning-area(reading width)	60mm x 44mm (at the distance 90mm)			380mm (reading widow 50mm)				
	Readable codes	1D	EAN-8/13, UPC-A/E, CODE39, CODABAR, ITF CODE128, EAN-128			EAN-8/13, UPC-A/E, CODE39, CODABAR, ITF CODE128, UPC/EAN with supplemental CODE93, STF(Standard 2 of 5), EAN-128			
		2D	QR Code, Micro QR Code, PDF417, Maxi Code, Data Matrix						
Reading Confirmation	2 color (red and green) LED, buzzer, vibrator								
Communications	Optical I/F	Method	Infra-red (IrDA-SIR1.0 compliant)						
		Speed	115.2kbpsMAX						
	Connector I/F	Method	RS-232C						
		Speed	115.2kbpsMAX						
RF I/F		-	FCC part 15 in USA, ETSI ETS 300/328 and CE EMC -EEC in Europe		-	FCC part 15 in USA, ETSI ETS 300/328 and CE EMC -EEC in Europe			
	frequency	-	2.4GHz		-	2.4GHz			
	distance ^{*2}	-	Indoor : 75m(82yd) Outdoor : 200m(230yd)		-	Indoor : 75m(82yd) Outdoor : 200m(230yd)			
		speed ^{*2}	-	1.6MbpsMAX		-	1.6MbpsMAX		
Operation hours ^{*3}	Approx. 20 hours			Approx. 40 hours					
Auxiliary Functions	clock, buzzer, resume, voltage display, remote-wakeup								
Power Supply	Main battery	Lithium-ion battery cartridge							
Weight (incl. Battery)	Approx. 280g (99oz)	Approx. 300g (10.6oz)	Approx. 280g (99oz)	Approx. 300g (10.6oz)					
Environment	Operating temperature	-5 to 50°C							
Requirements	Drip-proof	JIS Proof Type II							

*1. In each capability, double-width, double-height, and double-width height are adjustable
 *2. Communication distance and speed depend on a working environment.
 *3. Two times scanning of QR code or barcode in 10 seconds.
 *4. Scanning at the distance of 400mm. (Narrow bar width over 1.0mm and 500lx.)



*It depends on a model. (57mm for BHT-102B)



Accessories

Hand Strap
 Touch Pen
 Lithium-ion Battery Cartridge

Options (sold separately)

Optical Charging Communication Unit CU-7001
 Optical Non-charging Communication Unit CU-7002
 Lithium-ion Battery Cartridge charger C-700
 Lithium-ion Battery Cartridge B-70L

Software (sold separately)

BHT-BASIC 3.5 Compiler
 To develop application programs for BHT-100 series
 Ir-transfer Utility C and E
 To transmit data between PC and BHT-100 series
 Ir-transfer Utility C and E DLL pack
 To develop applications that features communication functions with BHT.

DENSO

1D•2D code scanner/01.02

1D•2D Code Handy Terminal BHT-100 SERIES



For safe use

Before use, read the user's manual carefully

Appearance and specifications are subject to change Information in this catalog is current as of March 2001

For details of QR code and its scanners, refer to the following web-site
<http://www.denso.co.jp/EAP>
<http://www.qrcode.com>

Manufacturer: DENSO CORPORATION

New Generation

BHT-100 SERIES DEBUT

This innovative and versatile new range includes both RF models for real-time data transmission and batch models. Applications requiring the reaching of 1D, 2D or both types of barcodes can all be met with models in the ergonomic BHT-100 series.



BHT-100B

BHT-100Q

BHT-100 SERIES FEATURES

User Friendly ergonomic design "Roundish Form"

Comfortable to hold with ease to use key layout.

Touch screen

Pen input is available for easy menu selection and signature and image capture.



Large High Resolution display

200 x 320 dot resolution, Screen is 2.5 times the size of previous product line, giving easy reference to a large amount of data.



Back-lit keyboard

Display and keyboard are back-lit for operation in dark environments.



Vibrating

For environments where a beep confirmation is not convenient.

Remote Wake-up

BHT-100 units can be operated remotely from the host computer when placed on the IrDA communication cradle.

RF Model

Real-time communication is achieved via a Spread Spectrum RF Network.

BHT-100Q for 1D and 2D codes

Longer Operating time

BHT-100Q 1D and 2D barcode scanning model features reduced power consumption. This results in double the operating time over conventional 2D readers.

BHT-100B for 1D code

Advanced scanning

The BHT-100 1D models employ advanced scanning system, which enables fast-touch and long-range scanning of high-density bar codes. On scanning, a laser beam is emitted to determine the scanning range and facilitate detection of target bar codes.

Application samples



Shipping Control



Inventory Control



Delivery Management