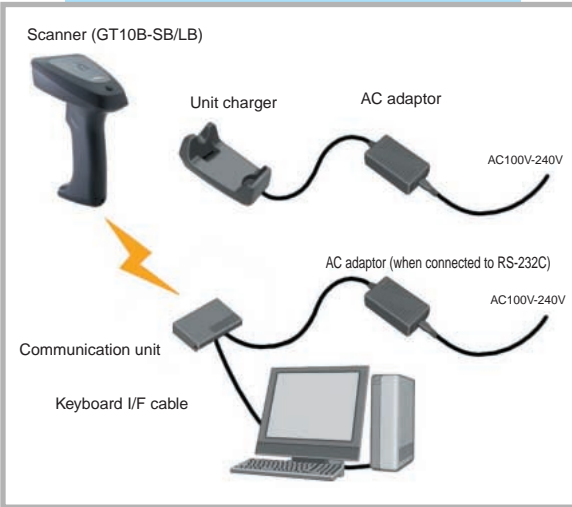


System Configuration

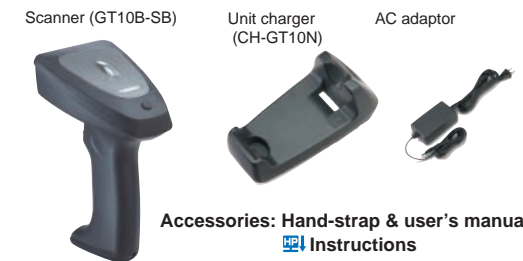
External Bluetooth® Compatibility Connections

Internal Bluetooth® Compatibility

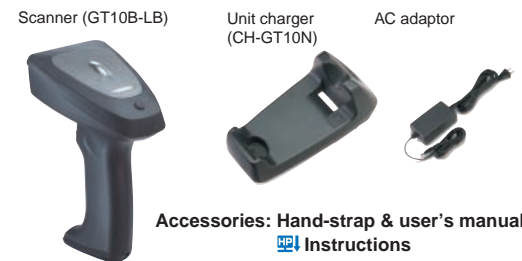


Main Unit Set * Select from one of the following options

GT10B-SB unit set (standard type)



GT10B-LB unit set (long range type)



Communication Unit Set * Select from one of the following options

RS-232C set



RS-232C set (with built-in unit charger)



USB set



K/E set



Communication Unit



Unit Charger



DENSO

Specifications

	GT10B-SB (Standard Range Type)	GT10B-LB (Long Range Type)
Scanner System	CCD	
Scanning Area *1	350mm max.	700mm max.
Scannable codes	EAN-128, UPC-A/E, UPC/EAN (with add-on codes), Interleaved 2 of 5, STF, CODABAR (NW-7) CODE39, CODE93, CODE128 (EAN-123), MSI, Plessey	
Resolution	0.125 mm	0.19 mm
Scanning Confirmation	3-color LED (red, blue, and green), Buzzer (with volume control), vibrator	
PCS Value	≥0.45	
I/F Standard	Bluetooth® Ver1.1 Power class2	
I/F Profile	Serial Port Profile (SPP)	
Power Supply Main Battery	Exclusive battery pack	
Operating Hours *2	Approx. 20 hours	
Environmental Requirements	Operating Temp. 0-40°C	
Water- / Dust Proof	IP54 (Equivalent to JIS splash resistance)	
Shock Resistance *3	2m	
Operating Humidity	10-90% RH (no condensation or frost)	
Weight	Approx. 250g (incl. battery)	

*1 Narrow bar width 0.5mm or over, ambient luminance over 500lx.
*2 When scanning once in 5 seconds.
*3 Tested value, not guaranteed.

Communication Unit (BA10-RKU) Specifications

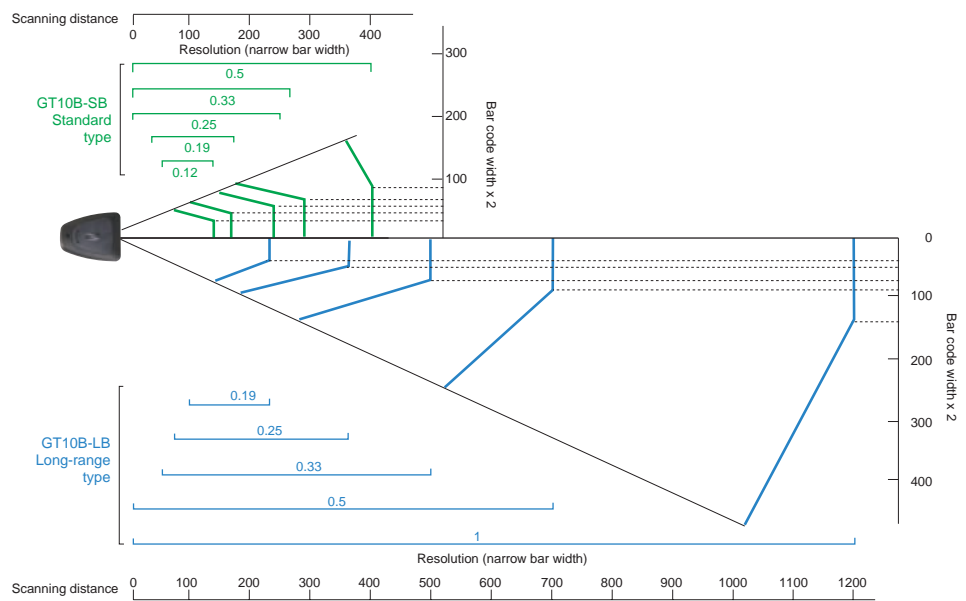
I/F	Between BA and host	RS-232C/USB/keyboard
	Between GT10B and BA	Bluetooth® Version1.1

Unit Charger (CH-GT10N) Specifications

Charger	Charging time	Approx. 2.5 hrs
	Power source	AC adaptor

*Supports USB keyboard interface and USB-COM interface. To utilize in USB-COM interface mode, please download the USB driver from Denso Wave's webpage (free of charge).
*Connection may not be possible depending on the type of PC or USB-HUB being used. Prior confirmation of compatibility is required.

Scan Range



Options

Stand



Neck strap



Hands-free stand



Hand strap



For Safe Operation

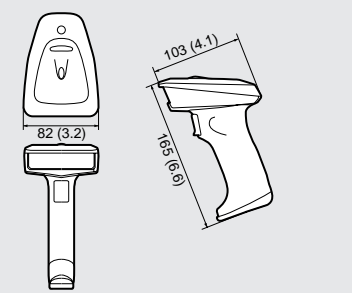
Please read operation manual before use.

Appearance and specifications are subject to change without notice. Information in this catalog is current as of November 2004.

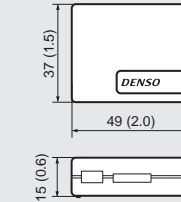
GT10B-SB/LB

Dimensions

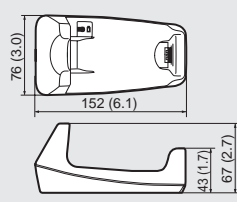
GT10B-SB/LB



BA10-RKU



CH-GT10N



Software

HP! Setup software (Scanner settings)

HP! Keyboard I/F software [QR_kbif]

Receives data scanned by the GT10B and transforms it almost as if the data was input via a keyboard

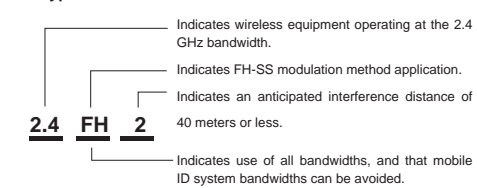
HP! Items with this mark next to them can be downloaded free of charge from Denso Wave's website.

Note regarding the use of the wireless LAN function

Frequency

The 2.4 GHz frequency range used by this product may also be used in commercial, industrial and medical devices (license required in Japan). Before using this product, ensure that other RF systems are not being used close by. If other mobile ID systems are subjected to electrical interference from this product, promptly change the location that the product is used in, or stop the emission of radio waves from the product. If other mobile ID systems are subjected to electrical interference from this product, or any other problem should occur, please contact your salesperson.

Types of radio wave and interference distances



DENSO

Wireless Barcode Handy Scanner GT10B Series GT10B-SB/LB

Bluetooth®--Facilitating smooth scanning operations
Presenting the new wireless barcode scanner



Bluetooth®



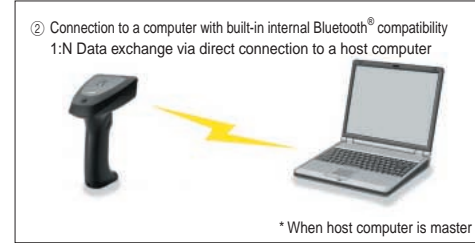
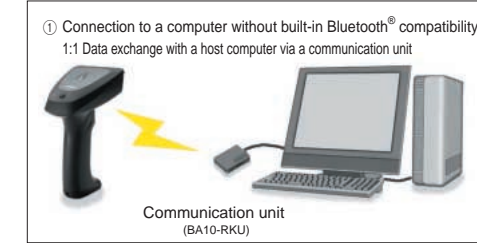
Even more freedom with Bluetooth®

The wireless barcode scanner that is now even easier to use

Wireless

Connectable to a wide range of devices

- Built-in Bluetooth® wireless technology facilitates connection with a wide range of devices.



Improvement in workability with wireless connection

- Because there are no cables, the GT10B can be installed anywhere (Min. 10 m, with no obstructions).



- Can be connected by simply scanning the bar code underneath the communication unit.



4 data-saving functions

- 1 **No connection error**
Multiple units can be used simultaneously by specifying where to connect.
- 2 **Transmission Confirmation (planned)**
Accurate data transmission possible with ACK/NAK protocol built-in.
- 3 **Data Check (planned)**
Error correction code included in the data helps prevent missing and substitution of the data.
- 4 **Scan Lock**
Prevents scanning in the event of disconnection.

Function to notify decline in battery voltage

- **Buzzer and LED alarm function to warn of decline in battery voltage (planned).**
An orange LED will flash at 5-second intervals and a buzzer will sound 3 times.



Extended operating time

- **Twenty hours of operating time possible even with a constant Bluetooth® connection (at one scan per 5 seconds).**

Rapid Recharging

- **Battery can be charged in approx. 2.5 hrs with the exclusive unit charger (CH-GT10N).**

High Efficiency

Outstanding scanning capability

- Scanning from a distance of over 1 m possible using CCD technology (with 1.0 mm narrow bar codes).



- Stable scanning of broad barcodes such as EIAJ labels or EAN128.



Durability

World-leading impact resistance

- With a stronger body and the use of impact-resistant rubber, the scanner can survive a 2 m drop—the highest standard in the world.



Superior environmental endurance

- After many years of developing high quality technology, IEC International Standards Protection Class IP54 (equivalent to JIS splash resistance) has been achieved, preventing water and dust from infiltrating the scanner.



User-friendliness

Superior handling

- **Vibrator Function**
Scan completion confirmed by vibration
- **Adjustable Buzzer Volume**
3 levels of buzzer volume to suit the surrounding environment
- **Tri-color Extra Bright LED**
Tri-color LED display that shows operation status

Blue: Scanning completed
Green: Processing completed
Red: Error



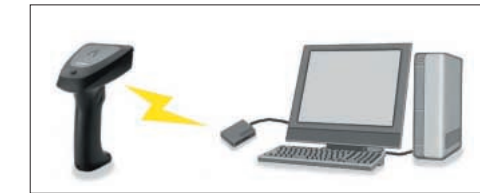
Simple setting with setup software

- **Setup Software Easy to Install**
(Setup method 1)
Setup can be achieved by printing out a one-step setup barcode from the software provided and scanning it with the GT10B.



(Setup method 2)

With setup software, GT10B parameter settings can be easily made via PC.

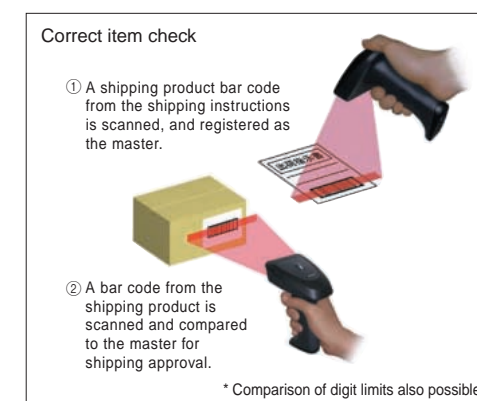


Superior Functions

Wide range of functions

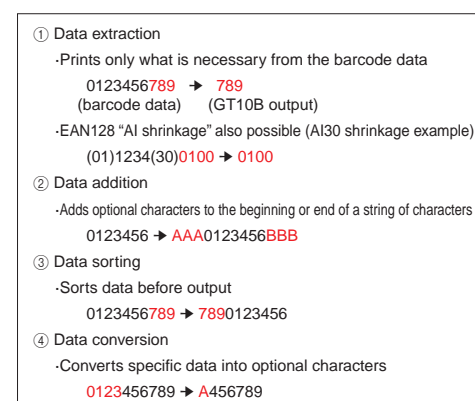
● Bar code Comparison

Determines if a bar code being scanned matches a master bar code registered in the GT10B.



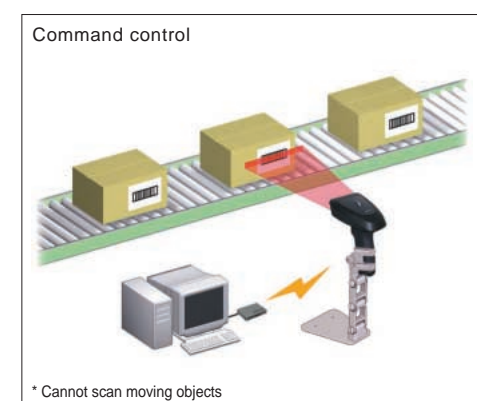
● Data Editing Function

Sorts scanned barcode data and prints out only necessary data.



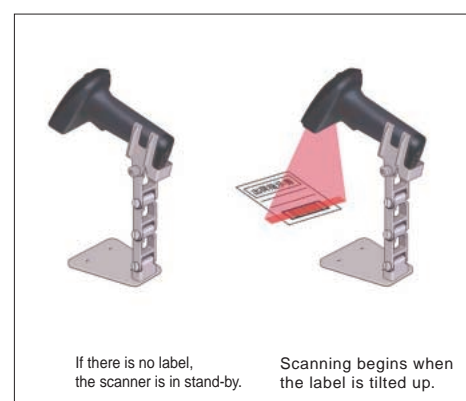
● Software Trigger Function

Scanning can be turned on/off via a host computer command.



● Auto-sensing Function

Automatically begins scanning when a label is detected.



Use of magic key

① Wireless connection control

Wireless connection can be disconnected by pressing and holding the magic key for a few seconds. Reconnect by switching the trigger ON.

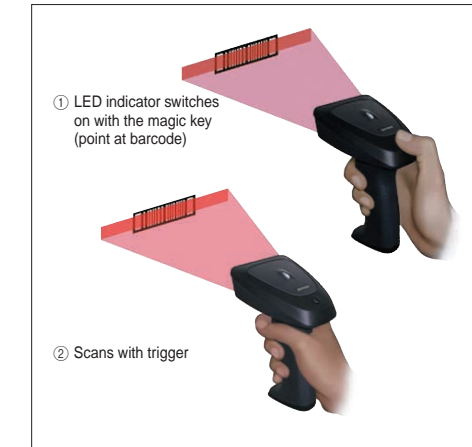
② Transmission of designated characters

Data that is already stored (eg operations initiation code) can be sent by switching the magic key ON.

③ Retransmission of scanned data

Scanned data can be retransmitted when the magic key is ON so the bar code does not need to be repeatedly scanned.

④ LED indicator



* This product utilizes a built-in wireless device based on Bluetooth® wireless technology.
* Denso Wave uses the Bluetooth® trademark under express license from Bluetooth SIG, Inc., U.S.A.