



GT-10 Series
Excellent Performance
in Stable Casing

GT-10 Series: Excellent performance on the inside — protection against impact, water and dust on the outside

The GT-10 scanner range takes maximum advantage of its performance features: versatility, long life and user friendliness.



Available in dark grey and light grey

High performance

CCD (Charged Coupled Device) technology

- No moving parts
- Particularly robust

Excellent scanning performance

- Long distance scanning in excess of 1 m thanks to CCD technology
- Above-average reading speed of 2D codes (GT-10Q) and bar codes*
- Easy recognition of even damaged 2D code labels (GT-10Q)
- Scanning of broad bar codes

Aiming beam mode (GT-10Q)

- 2D codes (laser beam)
- Bar codes (laser beam)
- Only reads the code envisaged by the beam
- Simultaneous reading of different codes is possible — on demand up to four 2D codes can be read at once

*Comparison test when reading up to 150 characters of QR Code



Highly durable

Impact resistance

- Increased protection due to new stronger casing and the use of rubber to improve impact protection (from max 2 m high)

Dust and splash proof to meet the IP54 standard

- Water and dustproof even under rough working conditions

Versatile

Wide range of functions

- Bar code comparison: determines if a scanned bar code matches a master bar code stored in the GT-10
- Programmable data formatting: Easy configuration of the output data for all existing host systems
- Check for wrong parts:
 - (1) A bar code is read from the shipping instructions and registered as the master code.
 - (2) A bar code from a product to be shipped is scanned and then compared with the master code so that it can be approved for shipping.
- Auto-sensing function: The auto-sensing function automatically begins scanning when it detects a label
- Remote ON/OFF function: Scanning can be switched on and off using commands from a host computer

One-touch user function

- Two scanning possibilities:
 - (1) using Magic Key (on top of scanner)
 - (2) using trigger (inside of grip)
- Code differentiation: Once two different symbol records have been registered it is possible to switch from one to the other using the Magic Key — this prevents reading incorrect codes in multiple-read mode.
- ON/OFF function: The scanner is in standby mode when the Magic Key is off.

Transfer of selected characters

- The data to be transmitted (e.g. operation start codes) can be set beforehand when the Magic Key is on.

Retransmit scanned data

- Scanned data can be retransmitted when the Magic Key is on without the bar code having to be scanned again.

User-friendly

Very practice-orientated

- Marking function (GT-10Q): laser lighting of the scan area and its centre point
- Vibrator function: completion of the scanning operation confirmed with vibration

- Adjustable buzzer volume: 3 levels of buzzer volume to suit the surrounding environment
- Very bright, three-colour LED: easy to read scanning information

Technical Data

Scanner	
Readable codes	Bar codes
	2D codes
Resolution	Bar codes
	2D codes
Image capture function	
Focusing point	
Marker	
Scanning area (at narrow bar 0.5 mm) ⁽⁵⁾	
PCS value	
Skew angle	
Elevation and indication	
Reading confirmation	
Interface	
Format/connector type/cable length	
Input power	
Operating voltage range	
Power consumption	
Power supply	
Environmental requirements	
Water proof/dust proof	
Shock-resistant	
Operating temperature range	
Operating humidity	
Operating ambient illumination	
Weight	



Simple set-up with intuitive software

- Installation software included in scope of delivery
- Easy parameter setting from a PC with the set-up software

- Quick start programme: Printing and configuring bar codes with the aid of the special installation software – the GT-10 is ready immediately.

GT-10B						GT-10Q		
GT-10B-SM GT-11B-SM	GT-10B-LM	GT-10B-SU GT-11B-SU	GT-10B-LU	GT-10B-SB	GT-10B-LB	GT-10Q-SR (RS-232C)	GT-10Q-SU (USB)	GT-10Q-SB
EAN-13/8, UPC-A/E, UPC/EAN (with add-on), Interleaved 2 of 5, STF, CODABAR (NW7), CODE39, CODE93, CODE128 (EAN-128), MSI, Plessey						EAN-13/8, UPC-A/E, UPC/EAN (with add-on), Interleaved 2 of 5 (ITF), Code 39, CODABAR(NW-7), CODE 128/EAN-128), RSS		
-						QR Codes, Micro QR Codes, DataMatrix (ECC200), PDF417, Maxi Code, RSS variants, EAN.UCC Composite, Micro PDF		
0.125 mm	0.19 mm	0.125 mm	0.19 mm	0.25 mm	0.19 mm	0.15 mm		
-						0.25 mm		
-						Yes		
-						100 mm		
-						Scanning area marker		
0 ~ 350 mm max	0 ~ 700 mm max	0 ~ 350 mm max	0 ~ 700 mm max	0 ~ 350 mm max	0 ~ 700 mm max	59 mm x 44 mm		
0.45 min								
-						360°		
40° ≥ a ≥ 0°						± 35°		
Blue-green-red LED, buzzer (with volume control), vibrator								
Multi Interface: programmable as RS-232C or keyboard interface		USB 1.1 compliant/USB Type A		Bluetooth® Ver 1.1 Class 2 Serial Port Profile (SPP) 10m range without obstructions		RS-232C/ D-Sub-9S	USB 1.1 compliant/ USB Type A	Bluetooth® Ver 1.1 Class 2 Serial Port Profile (SPP) 10 m range without obstructions
4.75 ~ 5.25 V								
While scanning: 200 mA max								
				Including battery pack approx. 20 hours operating time		AC adapter	Supply from connected device ⁽²⁾	Including battery pack approx. 8 h operating time
IP54								
2 m (1x6 directions onto concrete floor) ⁽³⁾								
0 °C ~ 50 °C								
10 ~ 90% RH (No condensation or frost)								
500 ~ 10,000 lx (daylight florescent lighting)						20 ~ 10,000 lx (daylight florescent lighting)		
Approx. 190 g (without cable)				Approx. 250 g (incl. Battery)		Approx. 210 g (without cable)		Approx. 260 g

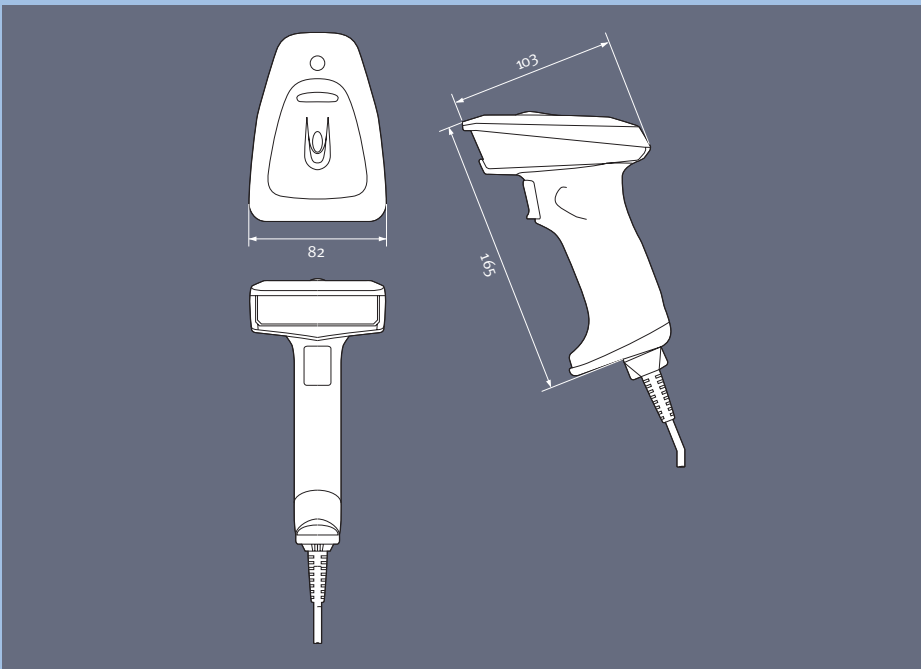
(1): Ambient illumination 500 lux, ITF/16 columns on label, when PCS = 0.9

(2): An attempt to make a connection may fail if the PC or USB hub used is not compatible. Check transfer compatibility.

(3): Test value, not guaranteed

GT-10

Dimensions in mm



Software

- Set-up software

Optional Accessories (not supplied)

- Unit charger (CH-GT-10N)
- Connecting cable
- AC/DC adapter (only with RS-232C version)
- Stand: can be used as desktop or wall stand
- Hands-free stand: variably adjustable
- Hanging straps: The hanging straps keep the GT-10 a safe distance from forklift trucks, conveyor belts etc.
- Stand for ceiling mounting
- Hip case

Technical Data BA10-RKU

Communication-adaptor BA10-RKU		
For Bluetooth® (wireless communication)		
System		Bluetooth® Specification Ver 1.1
Power		Class 2
Profil		Serial Port Profile
Range		min 10 m ⁽¹⁾
For host (cable communication)		
Serial I/F	System	RS-232C
	Speed	from 1.2 kbit/s to 115.2 kbit/s
Keyboard I/F	System	PS/2 keyboard I/F
	Level	CMOS level
USB I/F	System	USB Specification Revision 1.1
	Mode of operation	USB keyboard I/F, USB-COM I/F
Power supply		
RS-232C I/F		AC adapter
Keyboard I/F		Supplied from the connection target
USB I/F		Supplied from the connection target
Weight		
		Approx. 20g

(1): Connection ranges depend on a working environment.



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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