



Denso GT20 – Rugged reliability for industry and trade

- ✓ Robust construction for use in industry and trade
- ✓ Innovative reading technology for accurate barcode capture
- ✓ Light weight for comfortable handling
- ✓ Cable or Bluetooth version
- ✓ High battery life of up to 100 hours for Bluetooth models

Features

Readable codes: 1D & 2D, Stack

Connectivity: USB, Serial / RS-232, Bluetooth

Protection: IP65, 2 m drop protection on concrete

Operating temperature: -20 °C to +50°C

Dimensions (W x L x H): 73 x 92 x 184 mm

Weight: 180 g / 230 g (Bluetooth versions)

Optional accessories

Base/charging station

Hip bag

Shoulder strap

Bluetooth communication unit

Pulley

Stand

Type		Barcode model			2D Code model			
		(USB model) GT20B-SM (U)*1	(RS-232C model) GT20B-SM (R)	(Bluetooth® model) GT20B-SB	(USB model) GT20Q-SM (U)*1	(RS-232C model) GT20Q-SM (R)	(Bluetooth® model) GT20Q-SB	
Scanner	Method	Advanced Scan Plus (CCD)			Area Sensor			
	Readable codes	2D Code	—			QR code, SQRC, iQRcode, Micro QR code, Data Matrix (ECC200), PDF417, Micro PDF417, Maxi code, Aztec, GS1 Composite		
		Barcode	EAN-13/8 (JAN-13/8), UPC-A/E, UPC/EAN (with add-on), Interleaved 2 of 5 (ITF), Standard 2 of 5 (STF), CODABAR (NW-7), CODE32, CODE39, CODE93, CODE128, GS1-128 (EAN-128), GS1 Databar (RSS)			EAN-13/8 (JAN-13/8), UPC-A/E, UPC/EAN (with add-on), Interleaved 2 of 5 (ITF), Standard 2 of 5 (STF), CODABAR (NW-7), CODE39, CODE93, CODE128, GS1-128 (EAN-128), GS1 Databar (RSS)		
	Minimum resolution	2D Code	—			0.167 mm		
		Barcode	0.125 mm					
	Marker	—			Area guide marker			
	PCS value	not less than 0.30						
	Angle	±50°C						
	Skew angle	—			360°			
	Image capture	—			BMP, JPEG output, thumbnail view			
Scanning confirmation	Confirmation LED (Blue, Green, Red), vibrator, Buzzer (with 3-level volume control and 3-level tone control)							
Communication interface	Method	USB	RS-232C	Bluetooth® Ver. 2.1+ EDR based class 2	USB	RS-232C	Bluetooth® Ver. 2.1+ EDR based class 2	
	Connector	USB connector (A type)	Dsub-9S	—	USB connector (A type)	Dsub-9S	—	
	Profile	—	—	SPP, HID	—	—	SPP, HID	
	Cable	2 m	2 m, 5 m	—	2 m	2 m, 5 m	—	
Power	Supply	USB port *2	Separate AC adapter	Built-in battery	USB port *2	Separate AC adapter	Built-in battery	
	Operating time*3	—	—	100 hours	—	—	28 hours	
Environment requirements	Protection rating	IP65						
	Drop resistance*4	2.0 m × 60 times on a concrete floor						
	Operating temperature*5	-20–50°C						
	Operating humidity	10 to 90% RH (without dews)						
Weight	Approx. 180 g (excl. cable)		Approx. 230 g (incl. battery)	Approx. 180 g (excl. cable)		Approx. 230 g (incl. battery)		