



Embedded Models

QB20

2D Code

Handy Scanner



Compact housing suitable for embedded architecture



Model	Wireless Communication
QB20	
QB20-HD	

Each region has different availability of sales product.

Features : Features

Compact Design Suitable for Building onto a Device

This scanner is equipped with a decoder, light, and lens all in one compact body. It features a proximity design with a 25 mm reading position. It can easily be embedded and installed onto a device without worrying about space.

Reading Moving Labels

Adopting a high luminance LED makes it possible to read labels moving at 600 mm/second*. The reading code and communication parameters can be easily set or modified.(1)

Easy Setup

The reading code and communication parameters can be easily set or modified using setup commands.

1. When the cell size of QR code is 0.42 mm and the shutter speed is 1/2000.

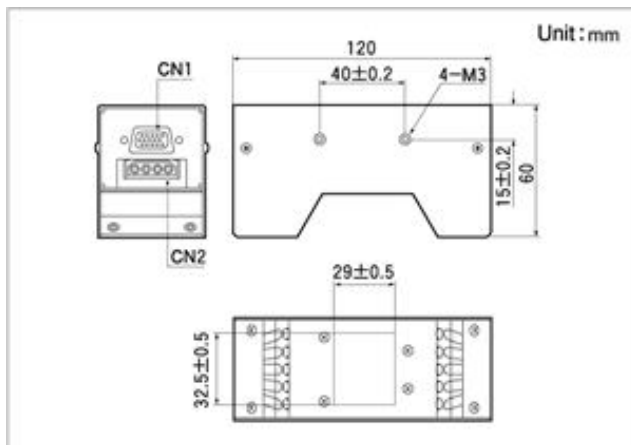
Specifications : Specifications

Specifications

Model		QB20	
Reading area	Readable codes	2D Code	QR code, Micro QR code, PDF417
		Bar code	UPC-A/E, EAN-13/8, CODE39, NW-7, ITF, CODE128
	Minimum resolution	2D Code	0.25mm
		Bar code	0.15mm
Standard reading position		25mm	

	Scanning area	47 x 35mm
	PCS value	0.45 or above
	Skew angle	360 degrees
	Elevation/inclination	±15 degrees
External input/output	Input	Trigger
	Output	OK/Not OK, external lighting synchronizing signal
Communication interface	spec	RS-232C
	Communication speed	115.2 kbps MAX.
	Connector	D-sub15n
Power	Rated voltage	DC 5V, 1A
Environmental conditions	Operating temperature limits	0 to 40 degrees Celsius
	Operating humidity limits	10 to 85% RH (without dews)
	Operating luminance	3,000 lux or less (under a daytime fluorescent lamp)
Weight (excluding a cable)		320g

Dimensions



Options : **Options**

QB20 Option list

Lens

Close-up ring

Illumination

Oblique illumination
(Shower)

Oblique illumination (Low
angle)

Coaxial oblique
illumination

Transparent illumination

Related Software : **Related Software**

Related Software Lineup

Setting Software
Software for various
parameter settings of the
handy scanner made by
DENSO WAVE

[Scanner Setting 2D\(Free\)](#)

Softw are w hich sets up each
parameter of GT10Q from PC

[BA Setting\(Free\)](#)

Softw are w hich sets up each
parameter of BA10 from PC

Keyboard Interface
Software
Software which converts the
data from a scanner like
input from a keyboard

[QRkbif\(Free\)](#)

Softw are w hich receives the
information read by a scanner and
converts the data as if it w as
input from a keyboard