TTID

TOYOTA TSUSHO ID SYSTEMS

AT-10Q Series

The new generation of 2D scanners

DENSO

AT-10Q Series: Superior read performance in a compact design

The AT-10Q series was developed especially to satisfy the requirements of the market: the models offer outstanding powerful read performance, simple handling and optimised user friendliness thanks to innovative functions.

Powerful

CCD technology (Charged Coupled Device)

- No movable parts
- Particularly robust

Excellent scanning performance

- Designed to read codes which are printed directly onto material (direct marking)
- Reliable recognition of codes which are difficult to read
- Read functions for multiple codes (1D codes and 2D codes): precise read-out from a large number of codes, simultaneous reading of combined codes and simultaneous reading of stacked codes

Durable

Shockproof

- The robustness of the AT-10Q is the benchmark in its class: the device withstands being dropped from a height of 1.8 m

Dust- and water resistant

- The well-built housing prevents dust and water from penetrating into the device (according to IPX2)

Functional

Range of functions

- Various functions are already built-in, e.g. the function for checking particular data which matches a predefined master barcode.

AT-10Q

- The image capture function enables images to be captured up to 20 times faster than with conventional scanners
- The auto-sensing function ensures that the read process starts automatically as soon as a label with a barcode is detected

User-friendly

Vibrator Device

- The completion of a scan process is signalled by the built-in vibrator device

Simple set-up

- The device can be configured easily using the free software

High-speed scanning

- The area guide marker shows the read area by means of a laser. This permits targeted and high-speed read-out of the barcodes
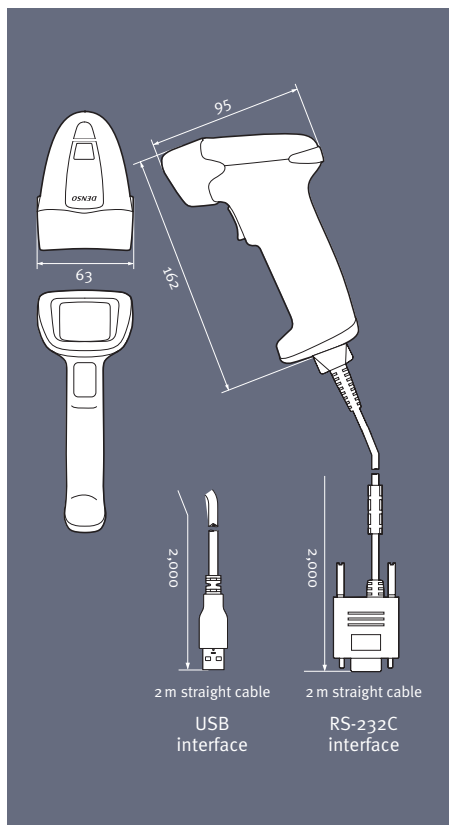
Software

- Set-up software

Optional Accessories
(not supplied)

- Connection cable
- Power supply (only for RS-232C model)
- Holder: can be used both as a desktop- and wall-holder

Dimensions in mm

95
63
162
2,000
2,000

2 m straight cable
USB interface

2 m straight cable
RS-232C interface

Technical Data

		AT10Q-SM(R)	AT10Q-SM(U)	AT10Q-HM(R)	AT10Q-HM(U)
Scanner					
Readable codes	2D codes	QR Code, Micro QR Code, PDF417, Micro PDF417, Maxi Code, DataMatrix (ECC200), EAN.UCC Composite			
	Barcodes	EAN-13/-18, UPC-A/-E, UPC/EAN with add-on codes, Interleaved 2 of 5, CODABAR (NW-7), CODE39, CODE93, CODE128 (EAN-128), RSS			
Resolution	2D codes	0.25 mm		0.167 mm	
	Barcodes	0.15 mm		0.125 mm	
Image capture		BMP/JPEG output, thumbnail view			
Marker		Area guide marker			
PCS value		Not less than 0.45mm			
Skew angle		360°			
Elevation and indication		± 35°			
Reading confirmation		4-color LED (red, blue, green,orange), Buzzer (with volume control), Vibrator			
Communications					
Standard		RS-232C	USB[1] (COM, HID)	RS-232C	USB[1] (COM, HID)
Connection I/F		D-Sub-9	USB Type A	D-Sub-9	USB Type A
Power					
Power supply		Original AC adapter	Supplied from the connected device[2]	Original AC adapter	Supplied from the connected device[2]
Environmental requirements					
Operating temperature		0°C ~ 50°C			
Splash water/dust proof		IPX2			
Shock resistance[3]		1.8 m (6 times on concrete floor), 1.5 m (30 times on concrete floor)			
Humidity		10 ~ 90% RH (no condensation or frost)			
Illumination		20 ~ 10.000 lx (Fluorescent light in daytime)			
Weight					
(excl. cable)		Approx. 165 g			

(1): Supporting two types of USB keyboard interface and USB-COM interface
(2): There might be instances in which the products cannot be connected, depending on the models of PC or USB-HUB
      Please check the connection before use
(3): Tested values; not guaranteed

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