

Specifications

		Standard type		High density type	
		AT10Q-SM (R)	AT10Q-SM (U)	AT10Q-HM (R)	AT10Q-HM (U)
Scanner	Readable code	2D code QR code, MicroQR code, DataMatrix (ECC200), PDF417, MicroPDF417, Maxi code, EAN.UCC Composite			
	Barcode	EAN-13/8, UPC-A/E, UPC/EAN (with add-on), Interleaved 2 of 5, CODABAR (NW-7) CODE 39, CODE93, CODE128 (EAN-128), RSS			
	Resolution	2D code 0.25mm		0.167mm	
	Barcode	0.15mm		0.125mm	
Image Capture		(BMP, JPEG output, thumbnail view)			
Marker		Area guide marker			
PCS value		not less than 0.45			
Skew angle		360°			
Angle		±35°			
Scanning confirmation		4-color LED (Red, Blue, Green, Orange) buzzer (with volume control)			
Communications	System	RS-232C	USB**1 (COM, HID)	RS-232C	USB**1 (COM, HID)
	Connector	Dsub-9S	USB connector (A type)	Dsub-9S	USB connector (A type)
	Cable	2m			
Power		Original AC adapter	Supplied from the connection target**2	Original AC adapter	Supplied from the connection target**2
Environment requirements	Water splash resistant	IPX2			
	Drop resistance**3	1.8m×6, 1.5m×30			
	Operating temperature	-5°C~50°C			
	Humidity	10~90% RH (without dews)			
	Illumination	20~10,000 lx (Fluorescent lamp in daytime)			
Weight	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.

Accessories

- Interface cable
- AC adaptor (only for RS-232C type)
- Operator's Guide
- HP User's manual

Software

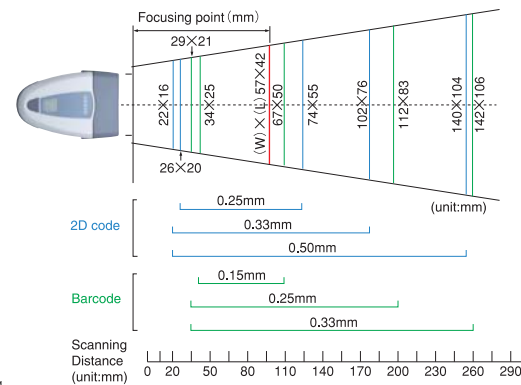
- HP Configuration software [Scanner Setting 2D]
Software for setting various types of parameters of AT10Q from PC.
 - HP Keyboard interface software
Software for converting data from scanner such as inputting from keyboard.
 - HP USB-COM Port Driver
 - USB driver (CD-ROM)
- ※ It is also able to purchase it without the CD-ROM bundling.

Option (selling separately)

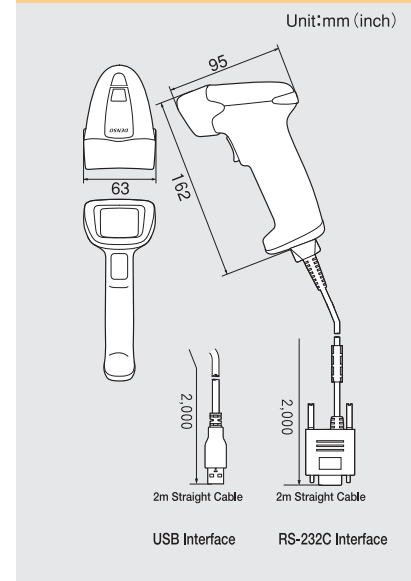
- Stand
•S-AT10
Exclusive desktop stand for AT10Q
- Hands-free stand
•H-AT10
Auto-sense mode
Stand with automatic switch for AT10Q

HP Items with this mark can be downloaded free of charge from our Web site (QBNet).

Scan range (AT10Q-SM (R)/AT10Q-SM (U))



Dimensions



A new 2D code scanner,
superior scanning performance in a compact body



For more information, visit the web site. <http://www.denso-wave.com>

For Safe operation
● Please read operation manual before use.

● Appearance and specifications are subject to change for improvement without notice. ● Information in this catalog is current as of Feb 2008.

DENSO WAVE INCORPORATED



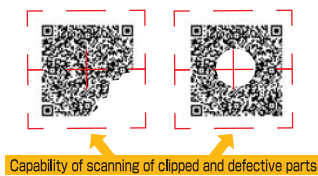
ASP Microcomputers
 456 North Road, ORMOND VIC 3204
 Ph: (03) 9578 7600 Fax: (03) 9578 7727
 Email: solutions@asp.com.au www.asp.com.au

A New 2D code scanner, equipped with "fulfilling functions" to respond to new needs in the market as well as deeply pursuing "scanning performance" and "handleability"

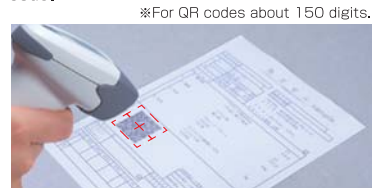
Scanning Performance

Superior scanning performance

- Delivers about twice the scanning speed of conventional model(QS20H), as well as scanning of obscured, faint, or marred 2D code.

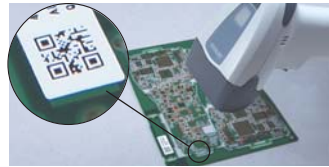


Capability of scanning of clipped and defective parts



*For QR codes about 150 digits.

- A high resolution model capable of scanning extra-small barcodes is also available.



Scans a wide range of barcodes

- Realizes scanning of wide barcodes such as CODE39 of EIAJ label, CODE128(EAN-128) used in the medical industry, etc.



scanning of wide barcodes

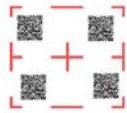


Built-in various scanning functions

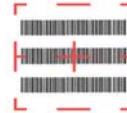
- **Point scanning mode**
Pinpoint scanning on target, even when there are multiple barcodes in the scanning area.



- **Linked QR code batch scanning mode**
Batch scanning of linked QR codes.



- **Multi-row barcode scanning mode**
Simultaneous scanning of multi-row barcodes.



Ease of use

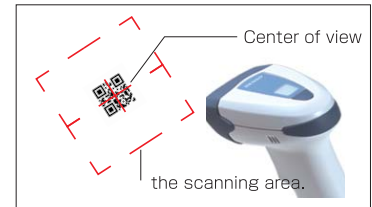
Highest level of drop resistance in class

- Impact-absorbing rubber gives drop resistance of up to 1.8meters -- the highest level in the class.



Built-in area guide marker

- Features the area guide marker indicating the scanning area by laser



Compact, lightweight body

- These scanners are designed from the ground up to be user friendly, from the rounded, compact body, to the large LED and loud buzzer for confirming scans.

Multiple Interfaces

- The scanner automatically detects RS-232C and USB cables, enabling you to choose the cable that is best for your host.

Types and overview of Interfaces

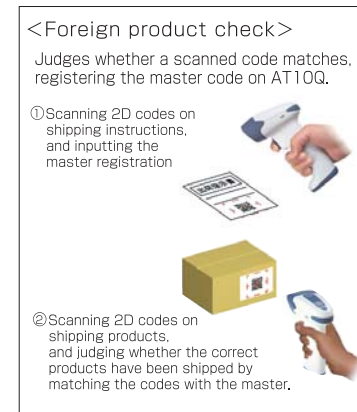
Main body	Interface	Summary
	RS-232C	<ul style="list-style-type: none"> • Supports serial communication with superior equipment. • Provides users to send and receive various characters such as regular characters, control code, etc.
	USB-COM	<ul style="list-style-type: none"> • Installs exclusive virtual COM port driver® on PC and perform virtual serial communication. • Provides users to send and receive various characters such as regular characters, control code, etc. ※ It can be downloaded from our website for free.
	USB keyboard	<ul style="list-style-type: none"> • Communicates using a Windows standard driver as a human interface device. (No need installing exclusive drivers.) • Supports sending and receiving alphabetic characters, but not 2-byte characters (Chinese, Japanese characters, etc.) or control codes.

Fulfilling functions

Built-in enhanced new functions

- Support for simple programming

- (1) Code matching
Provides 1 to n, 2-point and 3-point matching.

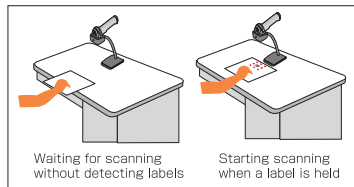


- (2) Data compilation
Supports various data compilation such as scanned data rearrangement, data clipping, etc.

- (3) Others
 - Four arithmetic operations (including residue calculation such as conversion of units, etc.)
 - String comparison (support for wildcard specification)
 - LED display, buzzer control, etc.

- **Auto sensor function**

Starts scanning automatically when a label is detected.



- **Image Capture Function**

Provides image transfer about 20 times* faster than current models in capturing image (QS20H). (When using USB-COM)
*The measurement is "a reference value" in our environment.

- **Software trigger function**

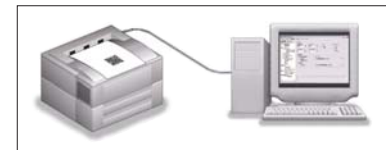
Provides scanning control (scanning on/off) by commanding from superior equipment.

Configuration Software (Scanner Setting 2D) [HP↓](#)

- Easy installation for configuration software



< Install method 1 >
Provides simple parameter setting from PC by using configuration software.



< Install method 2 >
Sets up outputting QR code for batch scanning by using configuration software, and scanning with AT10Q.

[HP↓](#) Items can be downloaded free of charge from our Web site

Impact-absorbing rubber



Buzzer with high volume to catch easily

Comfortable trigger for clicking



Rounded grip to fit hands

Large LED for clear view

White body with clean appearance