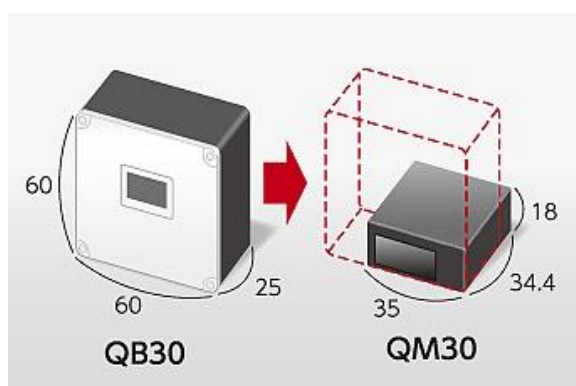


DENSO

FIXED TYPE SCANNER

NEW QM30

Small scanner that can be incorporated in a small space appearance



Denso Wave's smallest and lightest scanner in history

By installing the latest module developed in-house, the lens surface to be read has been miniaturized, achieving 1/4 volume ratio with conventional equipment. (Volume comparison with QB 30)



Also supports high security new QR code

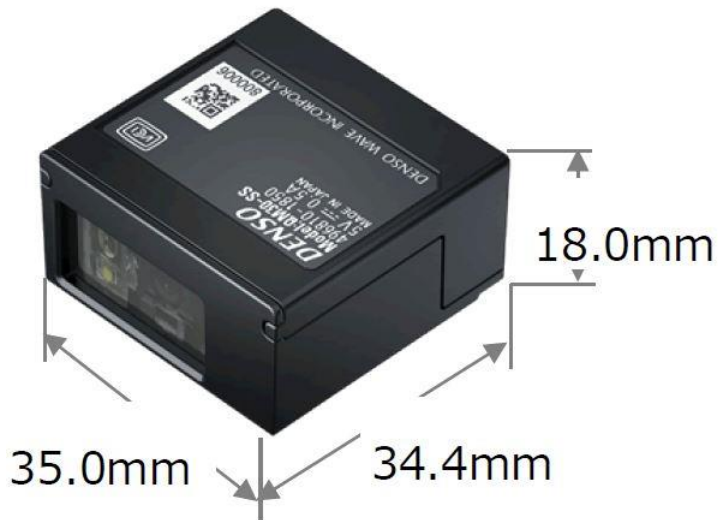
It also supports "SQRC®" with enhanced security and can be used for authentication of secure membership cards. Also, the QR code displayed on a smartphone by QR code settlement etc. can also be read.



Size that increases the degree of freedom for mounting in embedded devices

The housing size of 3.5 cm which can be mounted on equipment that could not be built up to now. It also contributes to miniaturization and space saving of reading modules.

QM30: Product information



Product name: QM 30 - SS

Weight : Approx 15 g

Size: 35.0 mm × 34.4 mm × 18.0 mm (width × depth × height)

Price: Open Price

Sales Target: 3,000 units / year (FY 2018)

Features: Minimum in DENSO WAVE History It is the lightest QR code scanner. It enables you to incorporate into small devices and narrow spaces that we could not incorporate in the past, and responds to membership cards and coupon certification using QR code.

1. QR code® · SQRC® is a registered trademark of DENSO WAVE INCORPORATED.
2. Comparison with built-in model QR code scanner "QB 30" (width 60 mm × depth 60 mm × height 25 mm).

Specifications

Model			QM30-SS
Scanner section	Reading code	2D code	QR code, micro QR code, SQRC, PDF417, Micro PDF417, DataMatrix, Aztec
		barcode	Interleaved 2 of 5, CODABAR (NW - 7), CODE 39, CODE 93, CODE 128 (EAN - 128), EAN - 13/8 (JAN - 13/8), UPC - A / E, UPC / EAN GS 1 DataBar (RSS)
	Minimum resolution	2D code	0.167 mm
		barcode	0.125 mm
	Image sensor		480,000 pixel CMOS image sensor
	illumination		Red LED
	Marker		Red LED
	Angle of view		Horizontal: 40 ° vertical: 30 °
	LCD code		Correspondence
	PCS value		0.30 or more
	Skew angle		360 °
	Inclination / elevation angle		± 50 °
Communication interface	method	Serial (TTL level)	
	connector	8 pin board to wire connector	
Power supply / current consumption			DC 5 V ± 5% / 500 mA (at reading), 180 mA (at read standby)
Environmental performance	Operating temperature		10 to 90% RH (no dew condensation / freezing)
	Operating temperature		-10 to 50 °C
	Protection grade		-
	Drop strength strength		-
External dimensions			35.0 (W) × 34.4 (L) × 18.0 (H) [mm]
mass			Approximately 18 g
color			black