DENSO

Scans smartphone displays!
Mobile QR code/barcode scanner

2D code model
Stationary type QK30-U
Built-in type   QK31-U
Built-in type   QK31-R

GLOBAL PRODUCTS

Enables a wide range of applications, from connection to point-of-sale terminals to incorporation in multi-media terminals and entrance gates.
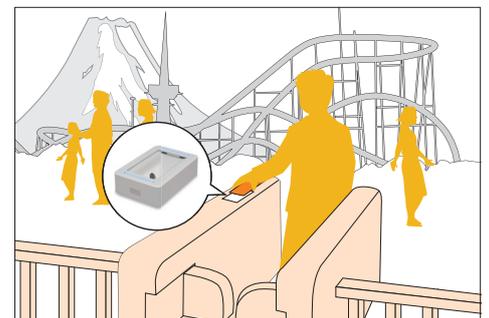
Contributes to effectively attracting customers and promoting sales using mobile coupons, mobile membership cards and mobile tickets.

Mobile coupon

Mobile membership card

Welcome.

Mobile ticket

Feature 1

Perfect fit for scanning mobile QR codes and bar codes

Enables high-speed scanning of QR codes displayed on LCD screens. Excellent scanning performance for codes printed on paper, too.
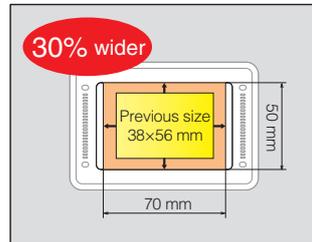

* If protective film is affixed to the LCD screen, code scanning performance may be affected.

Feature 2

Can scan codes displayed on large-screen smartphones

30% increase in scanning area from the previous model enables easier scanning.

30% wider

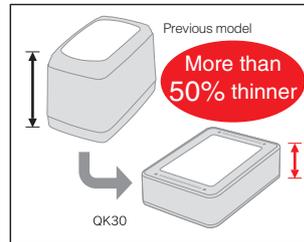Previous size 38×56 mm

50 mm

70 mm

* When scanning codes displayed on an LCD screen

Feature 3

Compact design

More than 50% thickness reduction compared to the previous model further enhances mountability.

Previous model

More than 50% thinner

QK30

Feature 4

Stylish design

Sophisticated design suitable for use with smart devices.
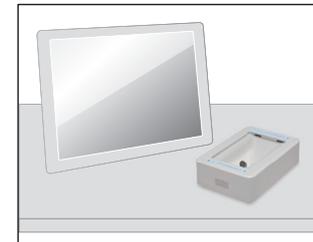
QK30 series specifications

Type			Stationary type	Built-in type	
Model			QK30-U	QK31-U	QK31-R
Scanner	Readable codes	2D code	QR code, micro QR code, SQRC, iQRcode, PDF417, microPDF, DataMatrix, Aztec, GS1 DataBar Composite (EAN.UCC Composite), MaxiCode		
		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), CODE39, CODE93, CODE128, GS1-128 (EAN-128) , GS1 DataBar (RSS)		
	Minimum resolution	2D code	0.25 mm		
		Barcode	0.18 mm		
	Scanning area		70 mm×50 mm		
	Focusing point		7 mm*1		
	Scan confirmation		LED in three colors: Blue/Red/Green, speaker	—	
Communication interface	Method		USB 1.1-compliant (COM、HID)*2		RS-232C
	Connector		USB connector: type A (with an integrated cable)	USB connector: type B (with a detachable cable)	Mini-DIN connector (with a detachable cable)
	Cable length		1.5 m	1.4 m (Sold separately)	1.5 m (Sold separately)
Power	Power		Supply from host device*3		
Environment requirements	Security level		IPX2	—	
	Operating temperature		-5~50℃		
	Operating humidity		10-90% RH (non-condensing/non-freezing)		
Weight			250 g (incl. cable weight)	170 g (excl. cable weight)	

*1: Height from dust-proof plate
*2: Two systems are supported: USB keyboard interface and USB-COM interface.When using in USB-COM interface mode, please download the USB driver from the DENSO WAVE website (free of charge).
*3: Please check the connection beforehand because this type of connection may not be possible depending on the model of the PC or USB hub.

Product configuration

Accessories
● Scanner
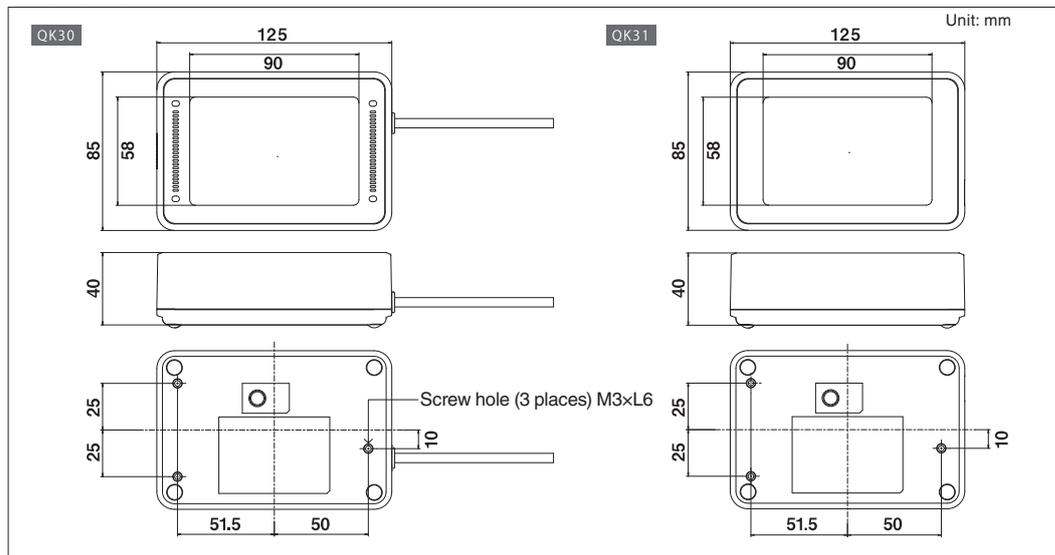● Operation Guide
● Instruction manual 📄⤓

Software
● Driver 📄⤓
  (Active USB-COM port driver)
● Setting Software
  (Scanner Setting 2D) 📄⤓

Option
● USB cable for QK31-U (1.4 m)
● RS-232C cable for QK31-R (1.5 m)

📄⤓ Items with this mark are available from the company's homepage (QBdirect) free of charge.

Dimensions

Unit: mm

QK30

125
90
85
58
40
25
25
51.5
50

Screw hole (3 places) M3×L6
10

QK31

125
90
85
58
40
25
25
51.5
50
10

To use this product safely
● Before using this product, please read its User's Manual thoroughly for correct use.

For more information, please visit our website
http://www.denso-wave.com/en/adcd/

● Appearance and specifications are subject to change without prior notice. ● Description stated in this catalogue is as of March, 2014.