



[QK30 Series] 2-D Presentation Scanner

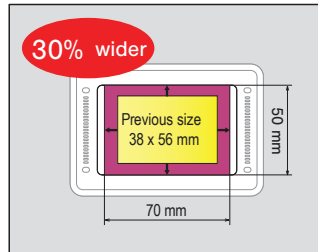
The QK30 scanner is specifically designed to read 1-D and 2-D barcodes displayed on cell phone screens and printed on paper. QK30-IC model can also scan IC Cards and supports NFC passive mode. The QK30 is the only scanner in its class to offer programmable multicolored LEDs and play audio files. The device is 50 percent thinner than previous models, yet has a 30 percent larger scanning area. Applications include e-tickets, e-coupons and e-membership cards. Perfect for building into kiosks and self-service stations.

INDUSTRY'S MOST ADVANCED



Optimized performance for both mobile and printed codes

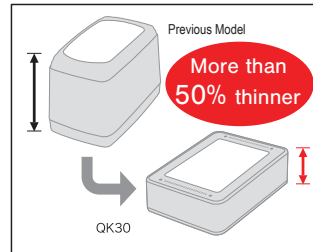
Enables high-speed scanning of 1-D and 2-D Codes displayed on LCD screens. Excellent scanning performance for codes printed on paper, too.



* When scanning codes displayed on an LCD screen

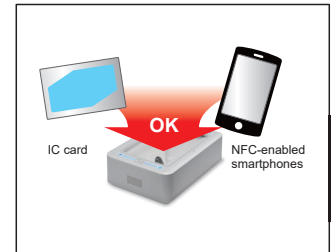
Can scan codes displayed on large- screen smartphones

Scanning area 30% larger than previous model, enabling easier scanning.



Compact, Stylish Design

More than 50% thinner than previous model, increasing placement flexibility.



Advanced Features

- ▣ Plays audio files
- ▣ Programmable multicolored LEDs
- ▣ Remote management

2-D PRESENTATION SCANNER

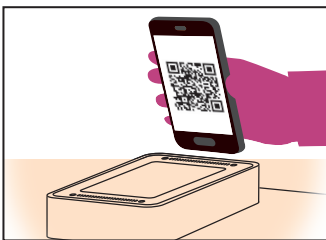
- ▣ Scans smartphone displays
- ▣ Scans both mobile and printed QR Codes® and barcodes



QK30-U
QK31-U
QK31-R
QK30-IC



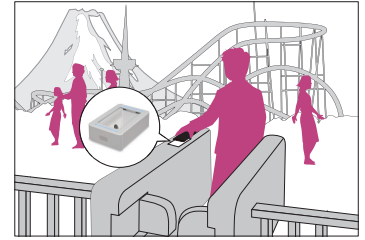
QK30-IC



Mobile coupon



Mobile membership card



Mobile ticket

Wide range of applications includes use with point-of-sale terminals and incorporation into kiosks and entrance gates. Makes it easy for customers to use mobile coupons, mobile memberships and mobile tickets.

TECHNICAL DATA

			Barcode scanner			Barcode and IC card scanner		
Type			Countertop	In-Counter		Countertop		
Model			QK30-U	QK31-U	QK31-R	QK30-IC		
Scanner	Readable codes	1D codes	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)					
		2D codes	QR Code, micro QR Code, SQRC, iQRCode, PDF417, microPDF, DataMatrix, Aztec, GS1 Composite, MaxiCode					
	Minimum resolution	1D codes	0.18 mm					
		2D codes	0.25 mm					
	Scanning area		70 mm × 50 mm					
	Focusing point		7 mm*1					
	IC card function		-				FeliCa (Std/Lite/Plug (NFC Dynamic Tag)), MIFARE (Classic/Ultralight/Ultralight C/DESFire/DESFire EV1), ISO/IEC14443 Type A/B (HF frequency).	
	Scan confirmation		LED (red, blue, green), Audio	-			LED (red, blue, green), Audio	
Communication interface	Method		USB1.1 (COM, HID)*2			RS-232C	USB1.1 (COM) - for IC cards USB1.1 (COM/HID)*2- for 1D/2D barcodes	
	Connector		USB connector: type A (integrated cable)	USB connector: type B (detachable cable)	Mini-DIN connector (detachable cable)	USB connector type A x 2 (integrated cables)		
	Cable lenght		1.5 m	1.4 m (Sold separately)	1.5 m (Sold separately)	2 m		
Power supply			Supply from host device*3					
Environment requirements	Protection level		IPX2	-			IPX2	
	Operating temperature		23 to 122 °F (-5 to 50°C)					
	Operating humidity		10-90% RH (non-condensing/non-freezing)					
Weight			250 g (incl. cable weight)	170 g (excl. cable weight)		300 g (incl. cable weight)		


*1: Height from dust-proof plate

*2: Two interfaces are supported: USB keyboard and USB-COM. When using in USB-COM mode, download USB driver from DENSO ADC website.



*3: Connection may not be possible depending on model of PC or USB hub.

PRODUCT CONFIGURATION

Accessories


- ☒ Scanner
- ☒ Operation guide
- ☒ Instruction manual 

Software

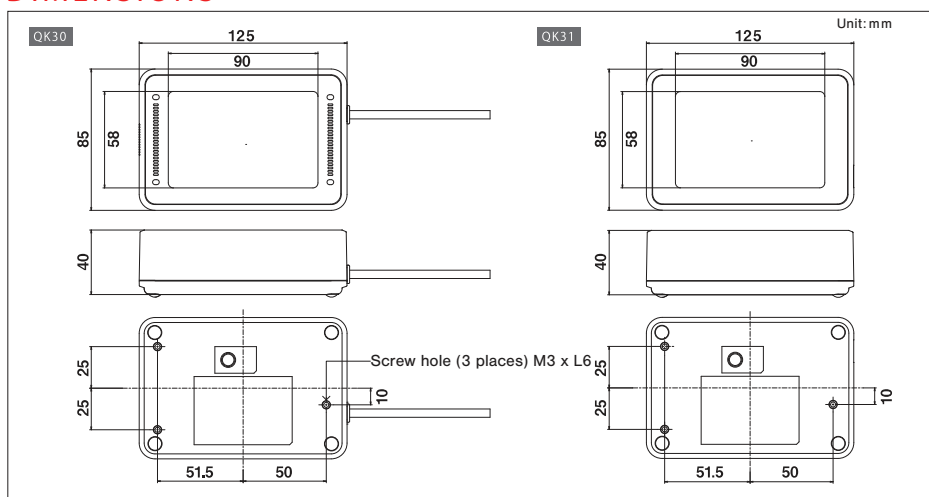
- ☒ Driver  (active USB-COM port)
- ☒ Setting software (2-D scanner setting) 

Options

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

 Items with this symbol are available from www.denso-adc.com free of charge.

DIMENSIONS



QK30 Web page

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To use this product safely

Before using this product, please read its User's Manual thoroughly.

Product appearance and specifications are subject to change without notice.

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MIFARE is a trademark of NXP Semiconductors N.V.

DENSO **ADC** 
INVENTOR OF THE QR CODE®