DENSO ADC
INVENTOR OF THE QR CODE®
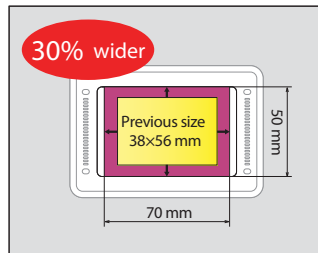
[QK30 Series]
2-D Presentation Scanner

The QK30 scanner is specifically designed to read 1-D and 2-D barcodes displayed on cell phone screens and printed on paper. The QK30 is the only scanner in its class to offer programmable multicolored LEDs and play audio files. The compact 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.

INDUSTRY'S MOST ADVANCED

30% wider

Previous size 38×56 mm

50 mm

70 mm

* When scanning codes displayed on an LCD screen

Previous model

More than 50% thinner

QK30

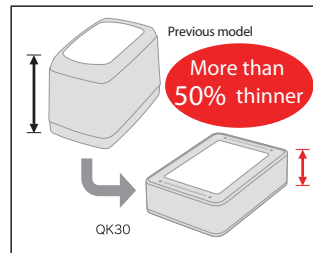### Optimized performance for both mobile and printed codes

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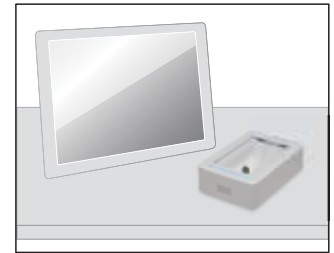
Can scan codes displayed on large-screen smartphones

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

Compact, Stylish Design

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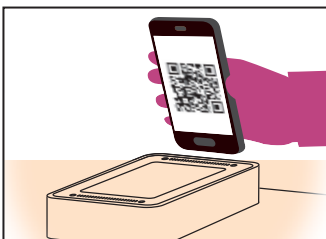
Advanced Features

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

2-D PRESENTATION SCANNER

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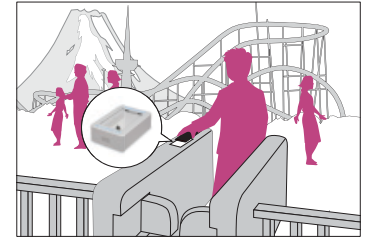- ▣ Scans both mobile and printed QR Codes® and barcodes

Countertop model QK30-U
In-counter model QK31-U
In-counter model QK31-R

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

Type			Countertop	In-Counter	
Model Name			**QK30-U**	**QK31-U**	**QK31-R**
Scanner	Readable codes	2-D code	QR Code, micro QR Code, SQRC®, iQR Code, PDF417, micro PDF, Data Matrix, 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), Code 39, Code 93, Code 128, GS1-128 (EAN-128), GS 1 DataBar (RSS)		
	Minimum resolution	2-D code	0.25 mm		
		Barcode	0.18 mm		
	Scanning area		70 mm × 50 mm		
	Focusing point		7 mm[1]		
	Scan confirmation		LED (blue/red/green),audio	—	
Communication Interface	Method		USB 1.1-compliant (COM, HID)[2]		RS-232C
	Connector		USB connector: type A (integrated cable)	USB connector: type B (detachable cable)	Mini-DIN connector (with detachable cable)
	Cable length		1.5 m	1.4 m (sold separately)	1.5 m (sold separately)
Power	Power		Supply from host device[3]		
Environmental requirements	Protection level		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)	

1: Height from dustproof plate

2: Two interfaces are supported: USB keyboard and USB-COM. When using 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
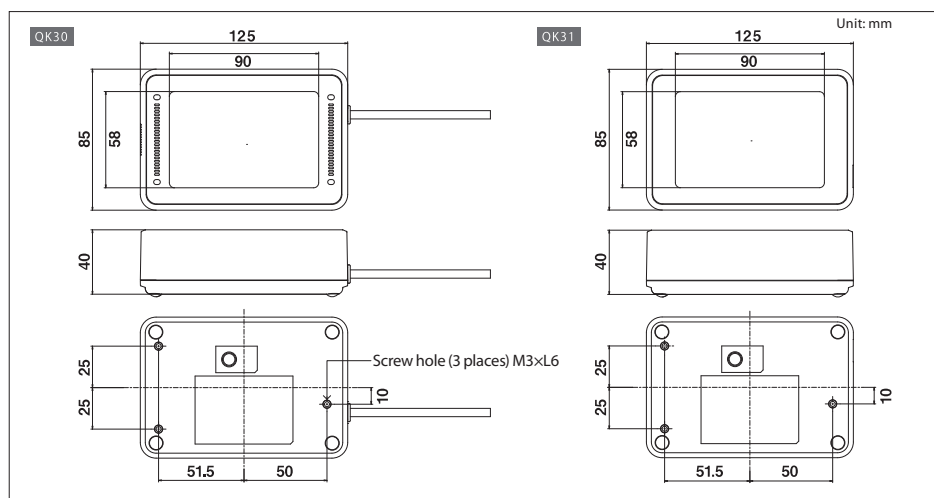- ▣ Scanner
- ▣ Operation guide
- ▣ Instruction manual 📖↓

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

[DENSO ADC]

3900 Via Oro Ave.

Long Beach, CA. 90810

Phone + (888) MY DENSO

+ (888) 693 3676

Fax + (310) 835 8724

denso-adc@densodrive.com

www.denso-adc.com

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

DENSO ▌▌▌**ADC**
I N V E N T O R O F T H E Q R C O D E®