

**DENSO**

Two-dimensional code

**2D Code Scanner**

**QK11**



## Fixed liquid crystal display QR code scanner realizing superior readability

The next-generation multi-scanner QK11 is capable of reading LCD QR codes facilitating superior functionality in a variety of settlement processes.

### LCD Readability

The QK11 is capable of reading mobile phone LCD QR codes and barcodes.

### Backlight-Off Readability

Reading is possible regardless of the backlight setting.

### Paper Readability

Paper QR codes and barcodes can also be read.

### Superior Reading Speed

Superior reading speed achieved even on mobile phone LCDs with different contrasts, colors and reflections.

### Easy to Use

Improved usability is realized with parameter settings that utilize QR code menus.

### Command Control

Scanner can be triggered from host computer commands.

### Light-Weight and Compact Size

A compact, lightweight fixed-scanner that can be placed anywhere.

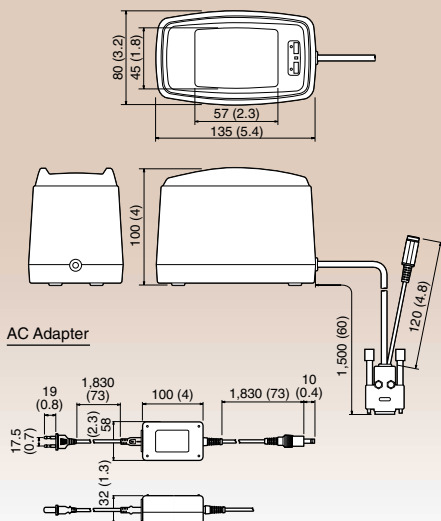
### What's Mobile QR Codes?

QR Codes are displayed on the LCD of mobile phones. They are a new way of facilitating the various payment methods required with the increase in Internet shopping, online ticket reservations, etc.



### Dimensions

Units: mm (inch)



## Specifications

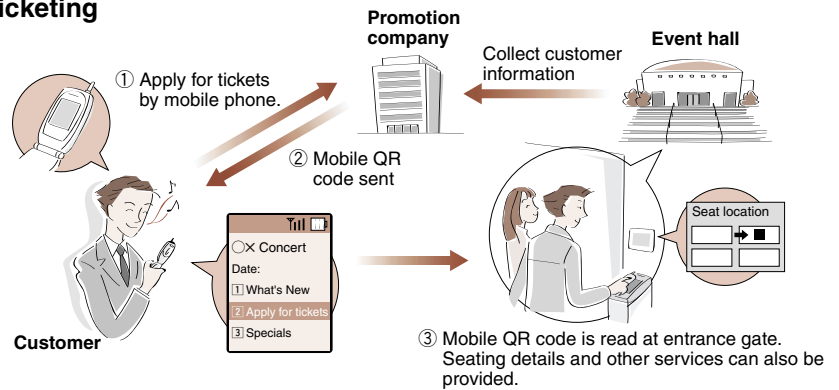
## QK11

		QK11	
		QK11-R (RS-232C)	QK11-U (USB)
Scanner	Readable codes	LCD*1	QR code, micro QR code, EAN-13/8, UPC-A/E
		Paper*2	QR code, micro QR code, EAN-13/8, UPC-A/E, Interleaved 2 of 5, CODABAR (NW-7), CODE 39, CODE 128 (EAN-128)
	Resolution	2-dimensional code	0.33 mm
		Bar code	0.25 mm (0.26 mm for EAN, UPC)
	Scanning area	With backlight on	50 x 38 mm
With backlight off		40 x 30 mm	
Focusing point		7 mm	
Reading confirmation		LED (power source, reading confirmation), beeper	
Communications	Communication interface	RS-232C	USB 1.1 compliant
	Communication speed	115.2 kbps Max.	—
	Connector	D-sub 9 pin (female)	USB type A
Power source	Power supply	AC adapter	Supply from USB port
Environmental requirements	Operating Temp	0 - 40°C	
	Operating Humidity Range	10 - 85% RH (without dew condensation)	
Weight (unit only)		370 g	350 g

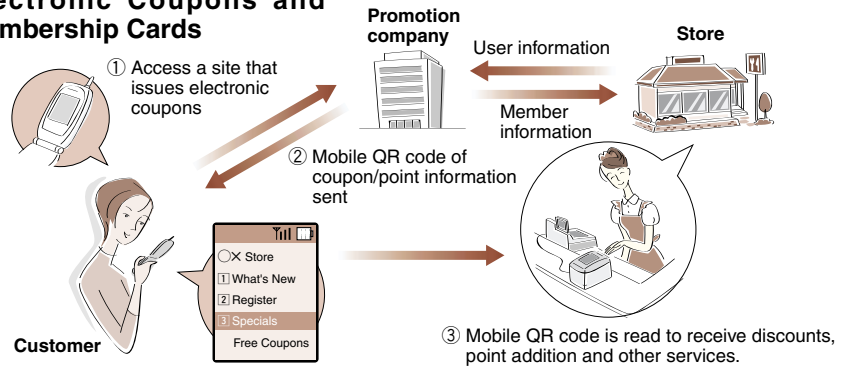
\*1 \*2 DataMatrix on demand

## Increased applications for mobile QR codes

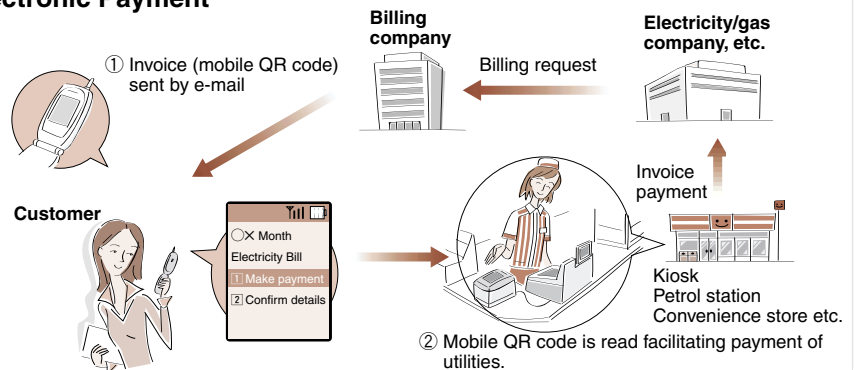
### E-ticketing



### Electronic Coupons and Membership Cards



### Electronic Payment



- ◆ Please read the user manual carefully before use.
- ◆ Only use your units at the rated voltage.
- ◆ Specifications are subject to change without notice.
- ◆ Information in this catalogue is current as of July 2003.

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