



GLOBAL

IC CARD READER/WRITER

# QK30-IC

## IC cards + mobile QR Code<sup>®</sup>

Supporting IC cards, mobile QR Code<sup>®</sup>, and 1D Codes, the scanner can be used for various applications.



### Applications

- Coffee Loyalty Programs
- Award Cards
- Restricted Access Points
- Customer Validation
- Gift Cards
- Locker Storage Access
- Library Memberships
- Mobile Wallet Access
- Payment Systems
- Membership Cards
- Parking Validation
- Redemption Cards
- Discount Vouchers
- Access Points
- Registration Cards
- Quest Card
- Event Entry
- Security Access

Excellent performance when reading QR codes from mobile devices.

This device is also fitted with an NFC reader suitable for access or loyalty programs

Enables a wide range of applications, from connection to point-of-sale terminals to incorporation in multi-media terminals and entrance gates.

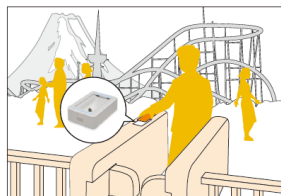
Contributes to effectively attracting customers and promoting sales using mobile coupons, mobile membership cards and mobile tickets.



Mobile coupon



Mobile membership card



Mobile ticket



### Software

#### Software for setting

#### IC card-related

QR_kbif	Scanner Setting 2D	SQRC <sup>®</sup> Setting	IC card device development Support library for Windows <sup>®</sup>
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### Specification

Model		(Stationary type) QK30-IC(N)	(Built-in type) QK31-IC(N)
Scanner	IC card	Used regulation	Guided reading and writing transmission equipment
		Used card	FeliCa(Standard/Lite/Plug(NFC Dynamic Tag)), MIFARE(Classic/Ultralight/Ultralight C/DESFire/DESFire EV1) ISO/IEC 14443 Type A/B
	Scanner	1D Codes	EAN-13/8(JAN-13/8), UPC-A/E, Interleaved 2 of 5(ITF), Codabar(NW-7), CODE39, CODE128, GS1-128(EAN-128), GS1 DataBar(RSS), UPC/EAN(With add-on), CODE93, Standard 2 of 5(STF)
		2D Codes	QR Code, micro QR Code, SQRC, IQR Code, PDF417, micro PDF, DataMatrix, Aztec, GS1 Composite, MaxiCode
Communication	Method	USB 1.1(COM) (for IC cards)USB 1.1(COM/HID) (for 2D codes/barcodes)	
	Connector type	USB connector Type A x2(Integrated with cables)	USB connector Type B x2(detachable from cables)
Power Supply	Cable	2 m	1.4 m (optional)
	Electric supply	Supply from the connection <sup>*1</sup>	
Environmental Performance	Protection Class	IPX2	—
	Operating temperature	-5~50°C	
	Operating humidity	10~90% RH(no dew formation or freezing)	
Weight		Approx. 300 g(incl. cable)	Approx. 170 g(excl. cable)

\*1: Depending on the USB interface that the scanner is connected to (PC type and/or the USB-HUB), the USB interface may not power the scanner.

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