DENSO

Member of the TOYOTA Group

POCKET SIZE SCANNER

SE1
SERIES

JUST AIM AND READ

ULTIMATE SCANNING PERFOMANCE

POCKET SIZE SCANNER
SE1-QB / SE-1BB / SE1-BUB-C

Comfortable and easy grip even during long-time operation.
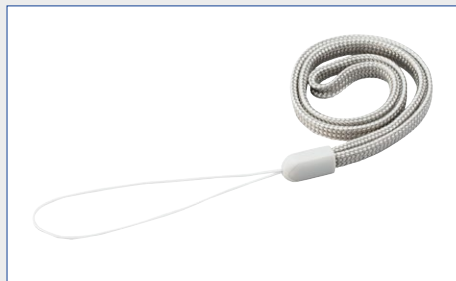
Comfortable trigger key emplacement.

ACCESSORIES (SOLD SEPARATELY)

Single charger *
(CH-SE11)

Hand strap
(HSSE1)

Lanyard
(NSBHT-1300)

Silicon cover, black
(SCSE1-2)

Silicon cover, clear
(SCSE1-1)

Bluetooth Communication Unit
(BA20-RU)

* for SE1-BUB-C only

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The lightweight scanner measures only 9.9 x 4.0 x 2.7 cm and weighs only 70 grammes. The device is designed to serve as the front end of mobile data capture system consisting of a scanner and host smartpohne or tablet. The standard SE1 can read 1D or 2D Codes displayed on LCD screens of mobile devices or printed on paper. The SE1-BUB-C easily switches from barcode to RFID.
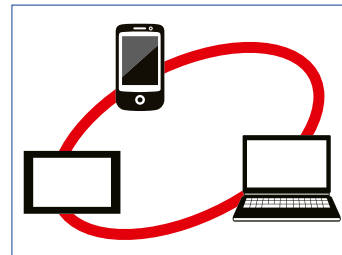
ADVANCED FEATURES
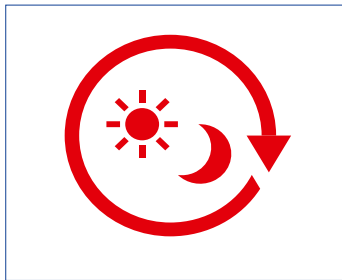
Long battery life

Energy-efficient design allows long operating time between battery changes. Even if it is out of power, the standard batteries can quickly be changed.

Scans LCD screens

Scanning codes displayed on a smartphone or other devices, as well as printed codes.
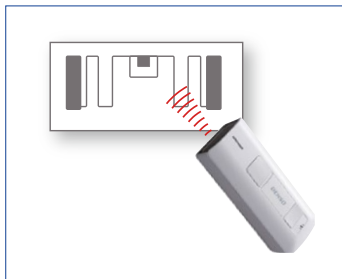
Easy connectability

Compatible with iOS, Android™, Windows®

The scanner can easily connect to Bluetooth® devices. Just scan a setup code.
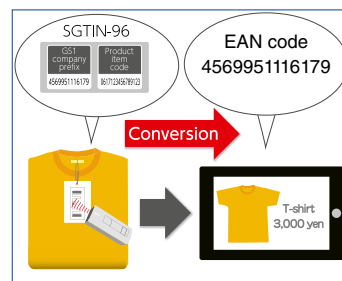
Portability

The compact pocket size means the scanner can be conveniently stored and carried all day long.

SE1-BUB-C
One-to-one RFID tag processing[1]

The scanner prevents scanning of other nearby RFID tags and ensures smooth processing of each RFID tag. It offers unique reading satisfaction which is not possible for high-output RFID scanners made for wide-range and collective scanning.

[1] The optimal scanning distance for one-to-one RFID tag processing is about 3 cm (depends on the RFID tag).

SGTIN-96

GS1 company prefix 4569951116179 Product item code 8677123456789123

EAN code 4569951116179

Conversion

T-shirt 3,000 yen

[2] Only applies to RFID tags written in SGTIN-96 format.
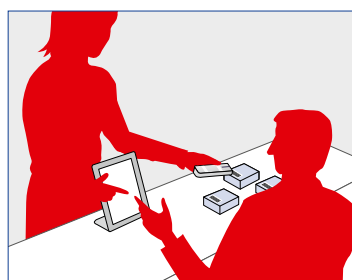
SE1-BUB-C
Easily switches from barcodes to RFID

With its special function the scanner converts SGTIN-96 to EAN codes.[2] The application can be used without any modifiction.
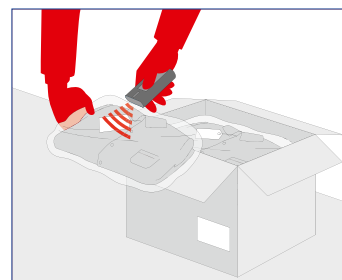
EMPOWERING EMPLOYEES WITH MOBILITY

Simplifies POS use at stores.

Field staff can connect to a tablet or smartphone.

Inspection of in-coming and out-going goods.

Issuing an RFID tag.

T-shirt M size

T-shirt M size 3,000 yen

POCKET SIZE SCANNER SE1-QB / SE1-BB / SE1-BUB-C

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SE1 SERIES SPECIFICATION

			2D Code Model	1D Code Model	RFID Model
Model			**SE1-QB**	**SE1-BB**	**SE1-BUB-C**
Scanner	Reading System		Area sensor	Advanced Scan Plus (CCD)	
	Readable codes	1D Codes	EAN-13/8(JAN-13/8), UPC-A/E, UPC/EAN (with add-on), Interleaved 2 of 5 (ITF), CODABAR (NW-7), Standard 2 of 5 (STF), CODE39, CODE93, CODE128, GS1-128 (EAN-128), GS1 DataBar (RSS)	EAN-13/8 (JAN-13/8), UPC-A/E, UPC/EAN (with add-on), Interleaved 2 of 5 (ITF), CODABAR(NW-7), CODE32, CODE39, CODE93, CODE128, GS1-128 (EAN-128), GS1 DataBar (RSS), Standard 2 of 5 (STF), MSI, Plessey	EAN-13/8 (JAN-13/8), UPC-A/E, UPC/EAN (with add-on), Interleaved 2 of 5 (ITF), CODABAR (NW-7), CODE 32, CODE 39, CODE 93, CODE 128, GS 1-128 (EAN-128), MSI, Plessey, GS1 DataBar (RSS)
		2D Codes	QR Code®, Micro QR Code, iQR, SQRC®, PDF417, micro PDF417, DataMatrix (ECC200), Aztec, GS1 Composite (EAN, UCC Composite) Maxi Code	-	
	Minimum resolution	1D Codes	0.125 mm		
		2D Codes	0.167 mm	-	-
	PCS value		0.3 or more		
	Slope angle / elevation angle		+ / - 50°		
	Scan confirmation		LED (blue, red), buzzer		Tri-colour LED (blue, red, green), buzzer
RFID	Readable and writable RF tag		-		Tags compatible with ISO/IEC 18000-63 (Class 1 Gen2)
	Frequency		-		865.7 - 867.5 MHZ
	Channel width/number of channels		-		600 kHz/4 ch
	Transmission output		-		500 mW e.r.p.
	Modulation method		-		PR-ASK
	Transmission rate		-		40 kbps
	Reading distance*1		-		30 mm
Communication Interface	Interface		Bluetooth Ver. 2.1 + EDR-based Class 2		
	Profile		SPP, HID		
Power supply	Power supply		Alkaline AA battery x2 or AA Eneloop® battery x2		2 x Eneloop® rechargeable batteries
	Charging method		-		The Eneloop® batteries can be charged inside or outside the main unit.
	Operating time		50 hours*2	100 hours*2	12 hours*3
Environmental requirements	Protection rating		IPX2		
	Drop resistance*4		1.2 m x 6 times drop on concrete floor		
	Operating temperature*5		-5° C to 50°C		
Weight (excl. batteries)			Approx. 60g		Approx. 70g

*1: The scanning distance differs depending on the target tag. An AD-229r6 manufactured by Avery Dennison was used for evaluation. The scanning distance is for reference only and varies depending on actual conditions. 2: One scan every 5 seconds. 3: When an RFID tag is scanned every 5 seconds. 4: This is a test value at room temperature and is not guaranteed. 5: 0-40°C when charging batteries.

DIMENSIONS

Unit: mm (for reference only)

27.1   40.7   99.7   99.7
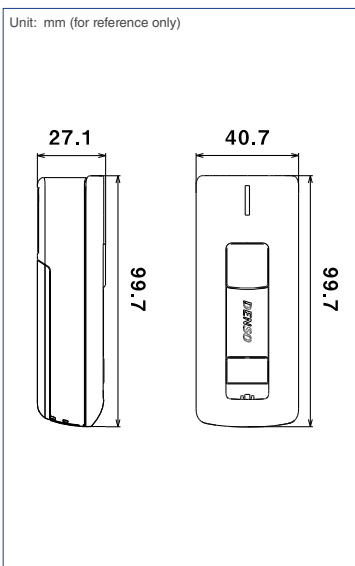
SCANNING PERFORMANCE

SE1-QB

SE1-BB
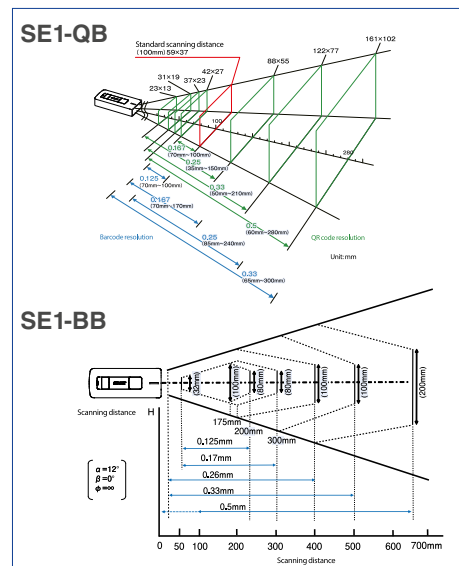
Components
• Main unit
• Operation guide (provided with setup code menu)

Software
• Setting software (Scan Tune App) 🆚↓
Software application to prepare parameter setting codes for SE1 series on PC.

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🆚↓ Items with this mark are available from the DENSO WAVE website (QBdirect) free of charge.