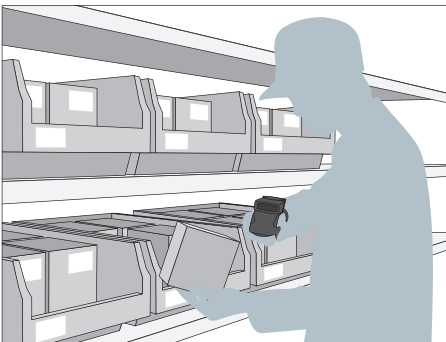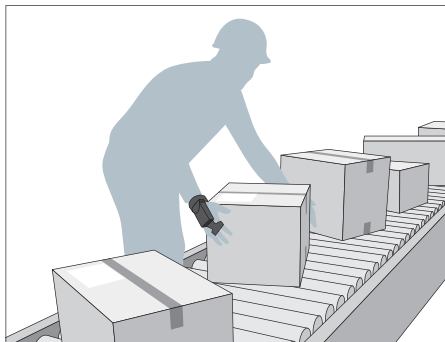# DENSO
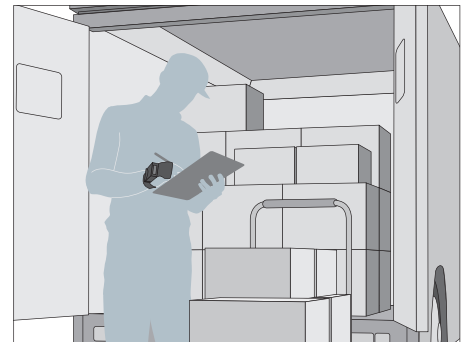
WEARABLE SCANNER

NEW Wearable SF1

Tough. Clean. Fast.

| Ideal for order picking and repeat scanning | Sort large amounts of packages quickly | Keep hands free to receive goods and multi-task |

[Drop impact resistance]
2.5 m
1.5 m 100times
0.5 m 3000 times

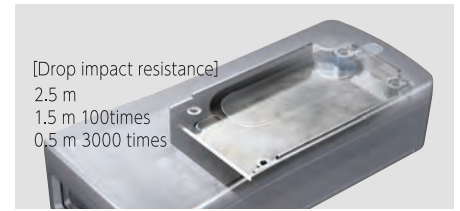## Switch easily from wearing or holding scanner with wireless design

Newly developed switching technology enables the contactless connection between a scanner and an external trigger. The wireless structure avoids the risk of disconnection and breakage. If a scanner is removed from the attachment, it can operate as a mobile scanner.

Wearable attachment with unique material ensures comfortable operation anytime

Attachment base is made of highly moisture-absorbing material that reduces friction on skin and is easily washable for a clean and comfortable fit.

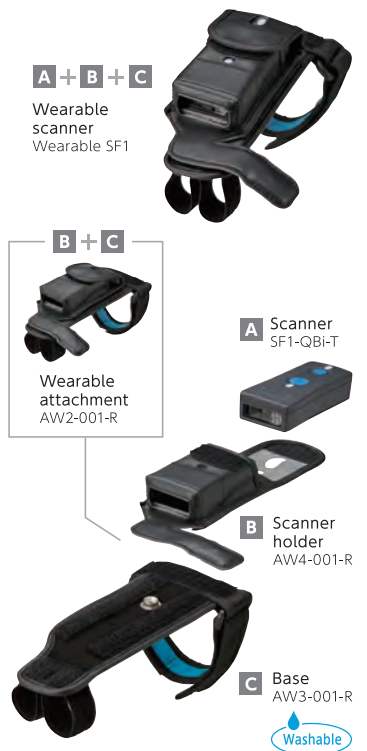*The scanner holder is not washable. Please read the enclosed operator's guide.

Lightweight magnesium frame provides top-notch drop impact resistance

The durable magnesium frame is perfect for tough workplaces and withstands a height drop test of up to 2.5 m, all while remaining lightweight and comfortable.

Scanner specifications

Type			2D code model
			SF1-QBi-T
Case color			Dark gray
Scanning mode	Mode		Area sensor
	Readable codes	2D codes	QR Code, SQRC, Micro QR Code, DataMatrix (ECC200), PDF417, Micro PDF417, Maxicode, Aztec, GS1 Composite
		1D codes	EAN-13/8, UPC-A/E, UPC/EAN (with add-on), Interleaved 2 of 5, Standard 2 of 5, Codabar (NW-7), CODE39, CODE93, CODE128, GS1-128 (EAN-128), GS1 DataBar (RSS)
	Minimum resolution	2D codes	0.167 mm
		1D codes	0.125 mm
	PCS value		0.3 min
	Angle		+/- 50°
	Scanning confirmation		Confirmation LEDs (blue, green, red), Beeper, Vibrator
Communication interface	Method		Bluetooth Ver.2.1 + EDR-based class 2
	Profile		SPP, HID, SPP (for iOS)
Power	Source		Lithium ion battery
	Operating time*1		24 hours
	Charging time		2.5 hours
Environment requirements	Degree of protection		IP54
	Drop impact resistance*2		2.5 m, 1.5 m x 100 times, Tumbling test: 0.5 m x 3,000 times
	Operating temperature*3		−20 ℃ to 50 ℃
	Operating humidity		10 to 90%RH (No dew condensation and freezing)
	Operating illuminance		10,000 lux max. (Under daylight fluorescent light)
Weight			Approx. 80 g
Trigger switch			Button type or touch type
iOS supporting models			Made for iPhone X, iPhone 8, iPhone 8 Plus, iPad Pro 12.9-inch (2nd generation), iPad Pro 10.5-inch, iPad (5th generation), and iPod touch (6th generation)

*1 When one reading pass over a 5-second period.   *2 These are test values, but not guaranteed values.   *3 It becomes 0° to 40° C when charging.

Wearable SF1 configuration

A + B + C
Wearable scanner
Wearable SF1

B + C
Wearable attachment
AW2-001-R

A Scanner
SF1-QBi-T

B Scanner holder
AW4-001-R

C Base
AW3-001-R

Washable

Wearable attachment

Model	AW2-001-R
Color	Black and cyan blue
Trigger switch	Button type
Weight	Approx. 50 g

Contents

■ Scanner: SF1-QBi-T
■ Operator's guide
■ Wearable attachment (sold separately): AW2-001-R
■ User's manual HP↓

Software

■ Keyboard interface software (QR_kbif) HP↓
■ Scanner Setting 2D HP↓
■ SQRC®Setting
■ BA Setting HP↓
■ DENSO SF1 SDK for iOS HP↓

HP↓ Items with this mark can be downloaded from our website (QBdirect) free of charge.

Option (sold separately)

■ Charger
  Main unit charger: CH-SF11
  Quadruple charger: CH-SF14
■ Bluetooth communication unit
  BA20-RU
  BA11-RKU

For your safe operation Before using this product, please read it's user's manual thoroughly for correct use.