

**DENSO**

WEARABLE SCANNER

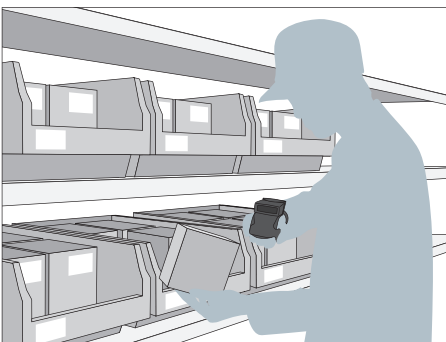
**NEW**

# Wearable SF1

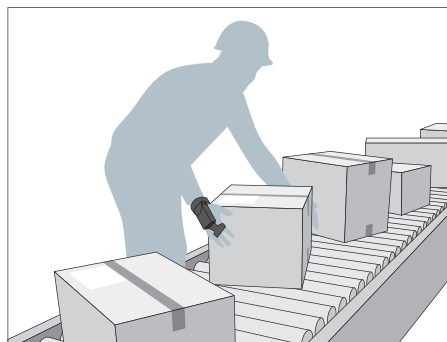


**Tough. Clean. Fast.**

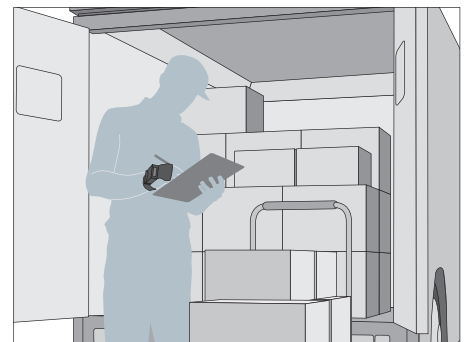
Ideal for order picking and repeat scanning



Sort large amounts of packages quickly



Keep hands free to receive goods and multi-task





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

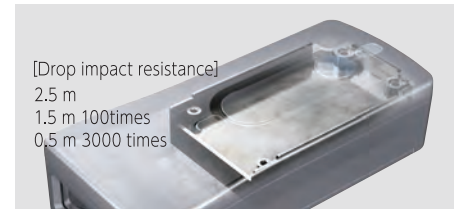
Newly developed switching technology enables the contactless connection between a scanner and an external trigger. The wireless structure avoids the risk of disconnection and breakage. If a scanner is removed from the attachment, it can operate as a mobile scanner.



### 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.



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

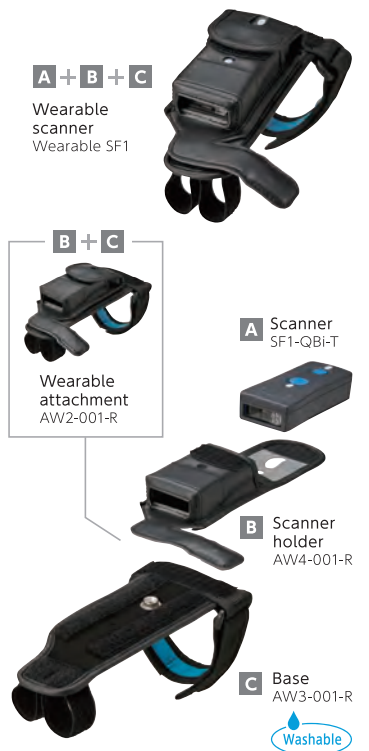
### Lightweight magnesium frame provides top-notch drop impact resistance

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 °C to 50 °C	
	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



### 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

"Made for iPhone", "Made for iPad", and "Made for iPod" means that an accessory has been designed to connect specifically to the iPhone, iPad, or iPod, and has been certified by the developer to meet Apple performance standards. Apple is not responsible for the operation of this device or its compliance with safety and regulatory standards. Apple, iPad, iPod Pro, iPod, iPod touch, and iPhone are trademarks of Apple Inc., registered in the U.S. and other countries. The trademark "iPhone" is used in Japan with a license from Aiphone K.K. iOS is a trademark or registered trademark of Cisco in the U.S. and other countries and is used under license. Android is a trademark of Google LLC. QR Code is a trademark of DENSO WAVE INCORPORATED. All products and company names mentioned in this document are trademarks or registered trademarks of their respective holders. Appearance and specifications are subject to change without prior notice. Data as of December 2018 are described on this catalogue.

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