



Honeywell 8675i - Versatile wearable scanner for rugged applications

- ✓ Up to 10 m reading range with only 65 g weight
- ✓ Several wearing options to choose from
- ✓ Clear feedback and simple operation
- ✓ Ideal for connection to wearable computers (Bluetooth or cable)
- ✓ Resistant: IP65 and drop-proof up to 1.8 m

Features

Readable codes: 1D, 2D

Reading distance: 6 cm - 10 m

Rückmeldung: LEDs, Piepser, Vibration

Connectivity: Bluetooth, cable

Battery: 12,000 scans / 10 h

Protection: IP65, drop-proof up to 1.8 m

Operating temperature: -20 - 50 °C

Dimensions: 30 x 65 x 15 mm

Weight: 63 / 66 g

Optional accessories

Back of the hand cuff

Trigger ring

Finger loop

Hand strap

Lanyard kit

**Data/power cable connection Honeywell
CW45**

1-, 4-, 12-fold charging station

4-, 8-, 24-battery charging station

Battery

MECHANICAL

Dimensions (L x W x H):
65.2 mm x 30.3mm x 15.2mm
(2.6 in x 1.2 in x 0.6in)

Weight:

Triggered ring with battery:

8675i-SR 63g (2.3 oz)

8675i-FR 66g (2.4 oz)

Scanner module without wearable

accessory or battery:

8675i-SR 50g (1.8 oz)

8675i-FR 53g (1.9 oz)

Scan performance:

Scan Pattern:

Omni-directional area imager

Symbol Contrast:

20% minimum reflectance

Pitch: +/-60°

Skew: +/-60°

Warranty: Two-year factory warranty
(Note: Battery warranty is one year)

WIRELESS

TYPICAL PERFORMANCE

FLEXRANGE™ - SYMBOLOGY/ X-DIM	TYPICAL RANGE*			
8675i FR	Near mm	Near inches	Far mm	Far inches
5 mil C39	136	5.35	363	14.29
10 mil DataMatrix	150	5.91	385	15.16
10 mil C39	92	3.62	1196	47.09
13 mil UPC-A	66	2.60	1435	56.50
15 mil C128	64	2.52	1569	61.77
20 mil C39	61	2.40	2159	85.00
100 mil DataMatrix ¹	-	-	4503	177.28
55 mil C39 ¹	-	-	6544	257.64
100 mil C39 ^{1,2}	-	-	9841	387.44
8675i SR	Near mm	Near inches	Far mm	Far inches
5 mil C39	68	2.68	299	11.77
10 mil C39	38	1.50	515	20.28
20 mil C39	42	1.65	798	31.42
13 mil UPC-A	42	1.65	571	22.48
15 mil C128	40	1.57	648	25.51
10 mil DataMatrix	70	2.76	295	11.61
6.7 mil PDF417	82	3.23	242	9.53
15 mil QR Code	37	1.46	412	16.22

*Performance may be impacted by barcode quality and environmental conditions

1. Minimum distance depends on the length of the barcode.
2. Wide to narrow ratio 3:1. Minimum code height of 3 inches.

Radio Range:

Bluetooth: 2.4 GHz to 2.5GHz
(ISM Band (Adaptive Frequency
Hopping Bluetooth v5.1 Class 1;
100m (330ft) line of sight; BLE.
NFC communications for simple
tap-to-pair functionality.

Battery: 3.85V, 570mAh

Number of scans:

12,000 over 10 hour shift

Expected charge time: 3.5 hours

Battery Weight: 19 grams (0.8 oz)

ENVIRONMENTAL

Operating Temperature:

8675i-FR:

-20°C to 50°C (-4°F to 122°F)

8675i-SR:

-20°C to 50°C (-4°F to 122°F)

Storage Temperature:

-20°C to 60°C (-4°F to 140°F)

Humidity:

0% to 95% relative humidity

(non-condensing)

Drop:

1.8m(6 ft) Mil-Std-810 Drop
Test at operating temperature
50x 1.5m (5 ft) to concrete
at operating temperature

Tumble: 2,000 1/2 m (1.6 ft) tumbles
per IEC 60068-2-32 specification

Trigger: Rated for 5MM activation cycles

ESD: ±15 kV Air and ±8 kV Direct

Environmental Sealing: Independently
certified to meet IP65 standards for
moisture and particle intrusion

GLOVE CHARACTERISTICS

Strap glove securely locates 8675i on
back of hand for optimum dexterity,
ergonomics, and user comfort.

Highly durable design for long lifespan,
reduced consumable costs.

Trigger rated for 5MM activation cycles.

Compatible with bare hand or
conventional glove for comfort and user
safety.

Left and right hand versions.

WARNING

Extreme caution should be used around
moving machinery.

