SF61B

Designed to provide the highly mobile worker with performance scanning in an extremely compact and rugged package, the SF61B integrates with existing data capture workflows and easily pairs with Apple® iOS, Android™, and Windows Mobile® smartphones and tablets.

With its unique form factor and magnetic quick attach/release system, workers can accomplish their data collection tasks with more efficiency, safety, and agility than ever before. Traditional gun-shaped scanners weren't made for the worker on the go. To address this, we designed the SF61B so that it can be quickly accessed or securely stowed away as needed. A magnetic quick disconnect system and variety of smart accessories make it easy to rapidly access the device when needed – and just as quick to securely stow away when unencumbered use of both hands is needed.

Despite its compact size, the SF61B packs the same high performance 2D imagers as our full-size handheld scanners. With unmatched motion tolerance (up to 500 in/sec) and omni-directional reading capability, the SF61B keeps up with your workers on the go by delivering incredible scan speed at any angle.

An integrated Bluetooth® Class 1 radio enables wireless communication at ranges up to 100 m (325 ft), and the field-replaceable lithium-ion battery lasts well beyond a full shift, even in the most scan-intensive applications. The SF61B offers performance characteristics commonly found in full-size scanners, at just a fraction of their size and weight.



The robust scanning performance of SF61B is complemented with equally impressive communication and battery performance.

FEATURES AND BENEFITS

SPEED
Compact form factor and available quick attach/release system enable rapid, on-demand scanning.

SCANNING
Includes the industry's fastest 2D imaging technology for snappy, omni-directional scanning.

RADIO
Bluetooth wireless easily pairs with Apple iOS, Android, and Windows Mobile devices.

RUGGED
Tested to withstand 26 drops to concrete from 2 m (6.5 ft) and rated IP65 for protection from liquid and dust ingress.

BATTERY
Field-replaceable battery lasts well beyond a full shift, even in scan-intensive applications.

DISTRIBUIDOR AUTORIZADO:

CALI: Calle 38 AN No. 4N - 183 PBX: 665 1117 - 317 363 7420 **MEDELLÍN:** Carrera 73 A No. 31 A - 78 PBX: 235 2205 – 448 9971
mercadeo@etimarcas.com – www.etimarcas.com

ETIMARCAS
TECNOLOGÍA QUE IDENTIFICA

Honeywell

Especificaciones técnicas

SF61B Technical Specifications

PHYSICAL CHARACTERISTICS

Dimensions with Magnet End-Cap (L x W x H): 15.6 cm x 4.6 cm x 3.9 cm (6.1 in x 1.8 in x 1.5 in)
Dimensions with Ring End-Cap (L x W x H): 16.0 cm x 4.6 cm x 3.9 cm (6.3 in x 1.8 in x 1.5 in)
Weight: 184 g (6.5 oz)

ELECTRICAL SPECIFICATIONS

Battery: Lithium-ion rechargeable (2,600 mAh)
Battery Life[1]: 25,000 scans (2D), with 1 scan every 4 seconds[2]
Recharging Time: 3 hours

[1] Battery life varies depending on ambient temperature, ambient light, and battery life.
[2] Typical number of scans possible without a battery recharge, in a typical office environment (250 lux) at ambient temperature.

BLUETOOTH RADIO

Type: Bluetooth Class 1 v2.1+EDR
Frequency: 2.4 GHz with Adaptive Frequency Hopping
Range: 100 m (325 ft) in open space, 30 m (100 ft) in typical work environment
Profiles: HID, SPP

CONNECTIVITY

Operating System Compatibility: Apple iOS; Android; Microsoft Windows®

SCAN TECHNOLOGY

Honeywell 2D Imager with Laser Aimer (EA30)

READING PERFORMANCE

Maximum Code Resolution: 6.6 mils
Print Contrast: 20%
Motion Tolerance, HP: Up to 500 in/s

USER FEEDBACK

- Indication LED
- Configurable Buzzer
- Configurable Vibrator (Haptic Feedback)

BARCODE SYMBOLOGIES (SF61BHP)

Codabar, Code 11, Code 39, Code 93/93i, Code 128 / GS1-128, EAN/UPC, GS1 DataBar Limited, GS1 Composite (linear only), GS1 DataBar Expanded, GS1 DataBar Limited, GS1 DataBar Omni-directional, GS1 DataBar Stacked, Interleaved 2 of 5, Matrix 2 of 5, MSI, Plessey, Standard 2 of 5, Telepen, DataMatrix, QR Code, Micro QR, PDF417, Micro PDF417, Aztec, Maxicode, Han Xin, Codablock A, Codablock F, GS1 Composite, TLC 39, and Postal Codes (Australian Post, BPO, Canada Post, Dutch Post, Infomail, Intelligent Mail, Japan Post, Planet, Postnet, Sweden Post)

ENVIRONMENT

Operating Temperature: -20°C to +50°C (-4°F to +122°F)
Storage Temperature: -40°C to +70°C (-40°F to +158°F)
Charging Temperature: 0°C to 45°C (32°F to 113°F)
Relative Humidity: 5% to 95% non-condensing
Drop: 26 drops from 2 m (6.5 ft) to concrete
Environmental Rating: IP65
Ambient Light: 0 to 100,000 lux

STANDARD WARRANTY

Three-year standard warranty, with extended protection available through Honeywell Edge Services

ACCESSORIES

View the SF61B Accessories Guide for complete details on charging options and accessories.

TYPICAL READING DISTANCES[3] SF61BHP

SYMBOLOGY	DENSITY	MIN. DISTANCE	MAX. DISTANCE
Code 39	0.1 mm (4 mils)	5 cm (1.97 in)	22 cm (8.66 in)
	0.125 mm (5 mils)	4 cm (1.57 in)	27 cm (10.63 in)
	0.5 mm (20 mils)	6 cm (2.36 in)	71 cm (27.95 in)
	1 mm (40 mils)	14 cm (5.51 in)	125 cm (49.21 in)
EAN/UPC	0.33 mm (13 mils)	5 cm (1.97 in)	47 cm (18.50 in)
PDF417	0.25 mm (10 mils)	4 cm (1.57 in)	27 cm (10.63 in)
	0.38 mm (15 mils)	4 cm (1.57 in)	36 cm (14.17 in)
DataMatrix	0.25 mm (10 mils)	6 cm (2.36 in)	22 cm (8.66 in)

[3] The reading distances for each scanner are typical distances measured from the front end of the scanner bezel in an office environment (200 lux) with extended reading range activated (if applicable).

For a complete listing of all compliance approvals and certifications, please visit www.honeywellaidc.com/compliance.
For a complete listing of all supported barcode symbologies, please visit www.honeywellaidc.com/symbologies.

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