

# SR61HP

## High Performance 2D Industrial Handheld Scanner Family



With the Intermec SR61 family of rugged handheld bar code scanners, you can eliminate the need for multiple scanning devices and benefit from a substantially reduced total cost of ownership. The SR61 family of scanners are:

- **Fast** – cutting-edge imagers scan 1D and 2D bar codes with unmatched motion tolerance and fast time-to-read, while also supporting image and real-time video capture
- **Rugged** – designed to withstand 26 drops to concrete or steel from 6.5 feet, hot and cold temperature extremes, constant forklift vibration and windblown dust and rain
- **Easy to use** – highly visible aimer makes targeting bar codes fast and efficient
- **Ergonomic** – comfort grip and omni-directional scanning capability improve operator efficiency
- **Compatible** – full speed USB 2.0 wired or Bluetooth® wireless interface to quickly transfer bar code data or images to host system

The Intermec SR61 handheld scanner family is built for rugged applications in warehouse, distribution and industrial manufacturing, and also supports proof of delivery and point of service applications. With a high impact housing that is virtually impenetrable and a solid state design, the SR61 exceeds industrial and military standards and can be counted on to perform well in harsh environments where dust, moisture or extreme temperatures are constants and operational uptime is critical.

Integrated high performance imaging technology allows for rapid scanning of virtually all 1D and 2D bar code symbologies. With unmatched motion tolerance (up to 500 in/sec) and support for omni-directional scanning, the SR61HP delivers incredible responsiveness at any scan angle. Advanced capabilities—such as data parsing, multi-code reading, and image/video capture—are built-in and make SR61HP even more versatile.

With multiple scanning configurations, including tethered or Bluetooth wireless, the SR61HP scanner can be tailored to your environment—whether this includes reading specific bar code symbologies or decoding poor quality or damaged symbols. With support for virtually all linear, stacked, composite and matrix bar code symbologies, SR61HP is well equipped for the future.

The flexibility of the SR61 family translates into increased productivity, while keeping costs down. Seamless integration with Intermec computers, printers, and standard PCs is supported. Additionally, users may connect to a multitude of host devices running inventory management, picking, shipping and receiving, cross docking, work-in-process, and pallet tracking applications.

The SR61 family also includes specialized models to meet unique application requirements. A non-incendive model allows for wedge-based scanning in hazardous environments commonly found in chemical, plastics and pharmaceutical production. And for optimal scanning of direct part marks (DPM), a high definition model is optimized for reading peened, chemical etched, or laser etched symbols on a variety of substrates. (For more information on the complete SR61 product offering, visit: [www.intermec.com/sr61](http://www.intermec.com/sr61).)

To save time during deployment, the SR61 family includes Intermec's exclusive EasySet™ software setup tool for fast and easy configuration and personalization of your scanner system. Quickly set security options, beeper tones and volume, specify good read and error read responses, and make many other customizations.

When your processes have zero room for compromise, trust the proven SR61 industrial bar code scanner family.

## Comprehensive Support Services Available

Intermec bar code scanners operate in dynamic business environments, and a support plan can protect you from unforeseen contingencies. *Intermec Medallion® Service* programs deliver the highest levels of productivity, device reliability, and uptime. The *Medallion® Complete* support package covers hardware failure, general wear and tear and accidental damage. For more information, visit [www.intermec.com/services](http://www.intermec.com/services).

### Physical Characteristics – Tethered Models

#### Dimensions (LxWxH):

19.4 cm (7.6 in) x 7.2 cm (2.8 in) x 13.1 cm (5.2 in)

Weight: 320 gm (11.2 oz)

### Physical Characteristics – Wireless Models

#### Dimensions (LxWxH):

17.8 cm (7 in) x 7 cm (2.75 in) x 11.4 cm (4.5 in)

Weight (without battery): 425 gm (15 oz)

### Power – Tethered Models

Power Requirements: 5V DC, 1.7A

### Power – Wireless Models

Battery Type: Lithium-ion

Battery Life: 10+ hours per full charge

Recharge Time: 2.5 hours for 90% charge

### Connectivity

Connects to Intermec computers and printers, as well as standard PCs

### Interfaces – Tethered Models

RS232, USB 2.0 (HID Keyboard, Virtual Com Port, Video Class), Keyboard Wedge, Wand Emulation

### Interfaces – Wireless Models

SPP, HID Keyboard

### Radio – Wireless Models

Frequency Band: 2.4 GHz

Type: Bluetooth class 1 version 2.1 + EDR

Range (Class 1): 100 m (325 ft) in open space,

30 m (100 ft) in typical work environment

Features: Adaptive frequency hopping

### Scan Engine Options

SR61xHP - High Performance Area Imager (EA30)

SR61xDPM - High Density & DPM Area Imager (EA30HD) \*

\* For more information on the EA30HD version of the SR61, see [www.intermec.com/sr61](http://www.intermec.com/sr61).

### Scan Range – Typical reading distances at 200 lux

#### SR61xHP (EA30)

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	0.125 mm (5 mils)	8 cm (3.15 in)	14 cm (5.51 in)
	0.5 mm (20 mils)	7 cm (2.76 in)	46 cm (18.11 in)
	1 mm (40 mils)	9.5 cm (3.74 in)	70 cm (27.56 in)
EAN/UPC	0.33 mm (13 mils)	6 cm (2.36 in)	32 cm (12.6 in)
PDF417	0.25 mm (10 mils)	5.5 cm (2.17 in)	26 cm (10.24 in)
	0.38 mm (15 mils)	6.5 cm (2.56 in)	36 cm (14.17 in)
DataMatrix	.025 mm (10 mils)	6 cm (2.36 in)	21 cm (8.27 in)

### Supported Bar Code Symbologies

1D & Stacked: Codabar; Codablock; Code 11; Code 128 (GS1-128); Code 39; Code 93/93i; EAN/UPC; GS1 DataBar Expanded; GS1 DataBar Limited; GS1 DataBar Omni-Directional; GS1 DataBar Stacked; Interleaved 2 of 5; Macro PDF; Micro PDF; Matrix 2 of 5; MSI; PDF417; Plessey; Standard 2 of 5; Telepen; TLC39

2D: Aztec; DataMatrix; GS1 Composite; Maxicode; QR Code

Postal: 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)

Humidity: 0% to 95% RH, non-condensing

Shock & Vibration: SAE Specification

J1399 Class 3 (off road vehicle)

Rain and Dust Resistance: IP54

Drop Survival: 26 drops onto concrete or steel

surface from a height of 1.98 m (6.5 ft)

Ambient light: Works in any lighting

conditions from 0 to 100,000 lux

### Standard Warranty

Tethered Models (SR61T): 3 years

Bluetooth Models (SR61B): 3 years (90 days on battery)

Extended protection available with Medallion support

### Accessories

For a full listing of compatible accessories, visit [www.intermec.com/sr61](http://www.intermec.com/sr61).

### Regulatory Approvals (SR61T)

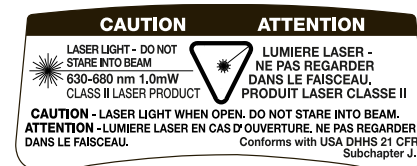
Laser Class 2; CE Mark (EU) (EN 55024, EN 55022 Class B, IEC 60950-1, IEC 60825-1); CISPR 22 Class B; CQC (CH); cULus (CA/USA) (UL 60950-1); C-TICK (AU/NZ); GS Mark (DE) (EN 60950-1, EN 60825-1); KCC (KR); NOM (MX); Part 15 of FCC Rules, Class B

### Regulatory Approvals (SR61B)

Laser Class 2; ANATEL (BR); CE Mark (EU) (EN301 489-17 V2.1.1, EN 300 328 V1.7.1, IEC60950-1, IEC60825-1); COFETEL (MX); cULus (CA/USA) (UL 60950-1); C-TICK (AU/NZ); KCC (KR); SRRS (CH); Part 15 of FCC Rules, Class B

### Regulatory Approvals for Hazardous Environments (SR61BHP-900)

Non-Incendive (Class 1; Division 2; Groups A, B, C, D; T6)



### North America

#### Corporate Headquarters

6001 36th Avenue West  
Everett, Washington 98203  
Phone: (425) 348-2600  
Fax: (425) 355-9551

#### North Latin America

Headquarters Office  
Mexico  
Phone: +52 55 52-41-48-00  
Fax: +52 55 52-11-81-21

### South Latin America

#### Headquarters Office

Brazil  
Phone: +55 11 3711-6776  
Fax: +55 11 5502-6780

#### Europe/Middle East & Africa Headquarters Office

Reading, United Kingdom  
Phone: +44 118 923 0800  
Fax: +44 118 923 0801

#### Asia Pacific

Headquarters Office  
Singapore  
Phone: +65 6303 2100  
Fax: +65 6303 2199

### Internet

[www.intermec.com](http://www.intermec.com)  
Worldwide Locations:  
[www.intermec.com/locations](http://www.intermec.com/locations)

### Sales

Toll Free NA: (800) 934-3163  
Toll in NA: (425) 348-2726  
Freephone ROW:  
00 800 4488 8844  
Toll ROW: +44 134 435 0296

### OEM Sales

Phone: (425) 348-2762

### Media Sales

Phone: (513) 874-5882

### Customer Service and Support

Toll Free NA: (800) 755-5505  
Toll in NA: (425) 356-1799

Copyright © 2012 Intermec Technologies Corporation. All rights reserved. Intermec is a registered trademark of Intermec Technologies Corporation. All other trademarks are the property of their respective owners. 612200-08/12

In a continuing effort to improve our products, Intermec Technologies Corporation reserves the right to change specifications and features without prior notice.

