SR61XR

Near/Far Range 2D Industrial Handheld Scanner Family

With the flagship Intermec SR61XR rugged handheld bar code scanner, you can eliminate the need for multiple scanning devices and benefit from a substantially reduced total cost of ownership. The SR61XR scanners are:

- **Incomparable** – breakthrough near-to-far area imaging technology enables flawless 1D and 2D scanning from near contact to over 50 feet away

- **Easy to use** – laser spot aimer and omni-directional scanning make targeting simple

- **Future proofed** – ready for the increasing use of 2D and stacked bar code symbologies

- **Rugged** – designed to withstand drops to concrete or steel from 6.5 feet, hot and cold temperature extremes, constant forklift vibration and windblown dust and rain

- **Fast** – full speed USB 2.0 wired or Bluetooth® wireless interface to quickly transfer bar code data or images to host system

The Intermec SR61XR is the first handheld scanner on the market with integrated near/far area imaging technology, offering the unparalleled flexibility to read multiple symbologies, omni-directionally, at distances from six inches to over 50 feet. Like the rest of the venerable SR61 scanner family, these models incorporate a rugged design and optional Bluetooth® wireless communication.

The SR61XR eliminates the need for multiple scanners and substantially reduces total cost of ownership. Scan 1D, 2D, composite and postal codes; capture images, signatures and documents; read at near and far distances; and successfully cope with damaged, poorly printed and partially obscured codes in varied lighting conditions. Along with advanced features, the SR61XR delivers incredible responsiveness and advanced imaging capabilities like data parsing, multi-code reading, and image/video capture are standard.

With omni-directional scanning, laser pointer, auto-illumination and center decoding, the SR61XR makes it easy to scan at variable distances, lighting conditions and angles—improving worker productivity and eliminating the "trial and error" of scanning. Operators of fork trucks equipped with vehicle-mounted mobile computers, such as the Intermec CV series, will appreciate how the near/far scanning capability of the SR61XR allows them to remain seated while scanning stacked pallets at extended ranges.

Variable distance scanning technology means multiple purpose-built scanning devices can be consolidated into a single solution. This incredible versatility makes the SR61XR suited to inventory management, picking, shipping and receiving, cross docking, pallet tracking, and virtually all other common scanning routines in the distribution center.

For those requiring an industrial bar code scanner for hazardous environments, the SR61 is now available in a non-incendive configuration ideal for tracking barrels, drums and other combustible materials. This represents a robust solution for wedge-based scanning in hazardous or explosive environments rated Class 1; Division 2; Groups A, B, C, and D.

The SR61XR includes Intermec's EasySet™ software setup tool for easy configuration and personalization to meet the needs of your specific application requirements, whether that involves specific bar code symbologies, decoding poor quality or damaged codes, or utilizing image capture for proof of delivery and point of service applications. You can also quickly set security options, select beeper tones and volume, specify good read and error read responses, and make many other customizations.

With the SR61, you can more effectively address today's data capture needs while providing built-in readiness for tomorrow's new distribution center and warehouse management requirements.

Intermec®

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.

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
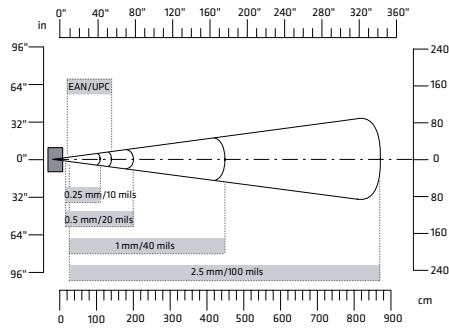**Range (Class 1):** 100 m (325 ft) in open space, 30 m (100 ft) in typical work environment
Features: Adaptive frequency hopping

Scan Engine Options
SR61TXR & SR61BXR - Near/Far Area Imager (EX25)

Scan Range – Typical reading distances at 200 lux

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	0.25 mm (10 mils)	16 cm (6.3 in)	110 cm (3.6 ft)
	0.5 mm (20 mils)	16 cm (6.3 in)	200 cm (6.6 ft)
	1 mm (40 mils)	* cm	450 cm (15 ft)
	1.3 mm (51 mils)	* cm	600 cm (20 ft)
	2.5 mm (100 mils)	* cm	870 cm (28.5 ft)
EAN 100%	0.33 mm	20 cm (7.87 in)	140 cm (4.6 ft)
DataMatrix	0.25 mm (10 mils)	16 cm	16 cm
	1.4 mm (55 mils)	* cm	* cm
	2.5 mm (100 mils)	* cm	* cm

*Depends on symbology length and scan angle.

Supported Bar Code Symbologies

1D & Stacked: Codabar; Codablock A; 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: -20°C to +60°C (-4°F to +140°F)
Recharging Temperature: 0°C to +35°C (32°F to +95°F)
Humidity: 0 to 95% RH, Non-condensing
Shock and Vibration Protection: 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 meters (6.5 feet)
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.
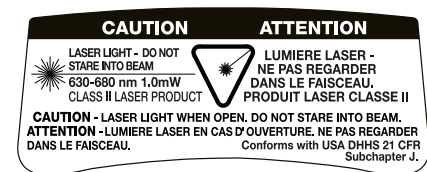
Regulatory Approvals (SR61T)
Laser Class 2; CE Mark (EU) (EN 55024, EN 55022 Class B, IEC 60950-1, IEC 60825-1); CISPR 22 Class B; CQC (CH); cULus (CA/USA) (UL 60950-1); C-TICK (AU/NZ); GS Mark (DE) (EN 60950-1, EN 60825-1); KCC (KR); NOM (MX); Part 15 of FCC Rules, Class B

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 (SR61BXR-900)
Non-Incendive (Class 1; Division 2; Groups A, B, C, D; T6)

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

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