

# SR61ex

Handheld Cordless Scanner



- Highly versatile scanning with integrated near-far area imaging technology
- Image capture capability eliminates need for digital camera
- Omni-directional scanning increases productivity
- Ready for the increased use of 2D and stacked symbologies
- Bluetooth® radio communication eliminates cables and facilitates complete mobility
- Interfaces with Intermec terminals and personal computers
- Easy configuration and personalization
- Industrial durability stands up to harsh environments

The Intermec SR61ex is the first handheld cordless scanner on the market with integrated near/far area imaging technology, offering customers the unparalleled flexibility to read multiple symbologies, omni-directionally at distances of 6 inches to over 50 feet. It incorporates rugged design with the flexibility and seamless functionality of Bluetooth® wireless communication.

The SR61ex eliminates the need for multiple scanners and substantially reduces total cost of ownership. With the SR61ex, users can 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 or partially obscured codes in variable lighting conditions.

In addition, the SR61ex features a personal area network (PAN) radio based on Bluetooth® communication protocol, making scanning easier and safer with no costly cables to damage or become entangled. Users gain hassle-free mobility up to 100 feet from the host.

Operators of fork trucks equipped with an Intermec vehicle-mounted mobile computer such as the CV30 or CV60, will appreciate how the near/far scanning capability of the SR61ex allows them to seamlessly

transition between scanning objects held in their hand to scanning pallets located more than 50 feet away, a common requirement in warehouse management applications.

With omni-directional scanning, laser pointer auto-determining illumination and centered decoding, the SR61ex makes it easy to scan at variable distances, lighting conditions and angles, improving worker productivity and accuracy.

Users can connect up to seven SR61ex scanners to one Intermec host device enabling multiple people to scan items for inventory management, picking, shipping and receiving, cross docking, work-in-process, tool crib, and pallet tracking, all with ease.

The SR61ex includes Intermec's EasySet™ software setup tool for easy configuration and personalization to meet the specific needs of the user's environment, whether that includes reading specific barcode symbologies, decoding poor quality or damaged barcodes or utilizing image capture for proof of delivery and point of service applications. Users can also quickly set security options, select beeper tones and volumes, specify good read and error read responses, and make many other customizations.

Built to withstand demanding application environments, the SR61ex survives multiple drops to concrete, hot and cold temperatures, and is sealed against dirt and water. The SR61ex delivers 10+ hours of use with a long lasting lithium ion battery that can be easily swapped ensuring minimal downtime.

The SR61ex enables companies to more effectively address their current data capture needs while providing built-in readiness for tomorrow's new warehouse management requirements.

**Physical Characteristics**

**Length:** 17.78 cm (7 in)  
**Width:** 6.99 cm (2.75 in)  
**Depth:** 11.43 cm (4.5 in)  
**Weight:** 425 gm (15 oz)

**Power**

**Battery Type:** Lithium-ion  
**Battery Life:** 10+ hours per full charge  
**Recharging Time:** 2.5 hours for 90% charge

**Connectivity**

Bluetooth radio connection to Intermec computers including the 700 Series, CK30, CK31, CK60, CK61, CN3, CV30, CV60, and standard PCs.

**Radio Characteristics**

**Frequency Band:** 2.4 Ghz  
**Radio Type:** Bluetooth Class 1 version 1.2  
**Radio Data Rate:** 1 megabit per second

**Radio Range**

**Host radio Class 1:** 30.5 m (100 ft)  
**Host radio Class 2:** 10 m (32.8 ft)  
**Features:** Adaptive Frequency Hopping

**Scan Engine Options**

EX25 near/far auto-focus area imager

**Scan Range**

**Typical Reading Distances**

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	0.25 mm	16 cm	0.9 m
	10 mils	6.30 in	2.95 ft
	0.5 mm	18 cm	1.8 m
	20 mils	7.09 in	5.9 ft
	1 mm	18 cm	3.9 m
	40 mils	7.09 in*	12.8 ft
1.4 mm	20 cm	4.8 m	
	55 mils	7.87 in*	15.8 ft
	2.5 mm	20 cm	8.7 m
100 mils	7.87 in*	28.5 ft	
	EAN 100%	0.33 mm	20 cm
DataMatrix	0.25 mm	20 cm	0.74 m
	10 mils	7.87 in*	2.43 ft
1.4 mm	20 cm	3.4 m	
	55 mils	7.87 in*	11.2 ft
	2.5 mm	20 cm	6.8 m
100 mils	7.87 in*	22.3 ft	
	8 mm	20 cm	17.8 m
314 mils	7.87 in*	58.3 ft	

\* as long as the barcode label fits the reading area

**Supported Bar Code Symbologies**

Supports all popular symbologies including Australian Post, Aztec, BPO, Codabar, Codablock A and F, Code 11, Code 39, Code 93/93i, Code 128/ISBT 128/EAN 128, DataMatrix, Dutch Post, Canada Post, EAN.UCC composite, Interleaved 2 of 5, Japan Post, Matrix 2 of 5, MaxiCode, MSI Code, PDF417/MicroPDF417/MacroPDF417 (unbuffered mode), Planet, Plessey, Postnet, QR Code, RSS, Industrial and Standard 2 of 5, Telepen, TLC39, UPC/EAN/ISBN/ISSN/ISMN/GTIN processing

**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

**Accessories**

SR61 Dangle Suspension (wrist or fixed)  
 Belt Holster  
 Desktop / Wall Mount Charger  
 2, 4 and 8 Bay Charger  
 Bluetooth USB Adapter  
 Replacement Battery w/ Boot  
 EasySet™ Configuration Utility  
 Bluetooth RS232 adapter  
 Keypoint Lite Software Wedge (for use with PCs using Win 95, 98, 2000, XP SP1 and English QWERTY keyboards)  
 Keypoint Bluetooth Software Wedge (for use with PCs using Win XP SP2 and international keyboard types)

**Regulatory Approvals**

Laser Class 1 product; CISPR 22 Class B; Part 15 of FCC rules, Class B; CE Mark (EU) (EN 55024, EN 55022 Class B, IEC 60950-1, IEC 60825-1); cULus (Canada and the USA) (UL 60950-1); GS Mark (Germany) (EN 60950-1, EN 60825-1); NOM (Mexico); C-TICK (Australia and New Zealand) (AS/NZS 3548 based on CISPR22); CQC and SRRS (China); Spring Mark (Singapore); MIC (South Korea); ANATEL (Brazil)

