Product profile

SR61ex

Rugged Handheld Scanner

- Highly versatile scanning with integrated near-far area imaging technology
- Omni-directional scanning increases productivity
- Ready for the increased use of 2D and stacked symbologies
- Available in Bluetooth® cordless or cable versions
- Interfaces with Intermec terminals and personal computers
- Easy configuration and personalization
- Industrial durability stands up to harsh environments

The Intermec SR61ex is the only handheld 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 choice of either a Bluetooth® wireless communication or a cabled interface.

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 cordless 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 mobility up to 100 feet from the host and can connect up to seven SR61ex scanners to one Intermec host device.

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.

Whether using cabled or cordless versions, the SR61ex is ideal for inventory management, picking, shipping and receiving, cross docking, work-in-process, tool crib, and pallet tracking scanning applications.

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.

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Built to withstand demanding application environments, the SR6ex survives multiple drops to concrete, hot and cold temperatures, and is sealed against dirt and water. The cordless 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 (Cordless Version with battery): 425 gm (15 oz)
Weight (Cabled Version without cable): 280 gm (10 oz)

Power (Cordless)
Battery Type: Lithium-ion
Battery Life: 10+ hours per full charge
Recharging Time: 2.5 hours for 90% charge

Power (Cabled)
Cabled versions are powered via host or universal 5 volt power supply

Connectivity
Bluetooth radio connection to Intermec computers including the CN3 series, CK3, CK30, CK31, CK32, CK60, CK61, CV30, CV60, 700 series and standard PCs.

Interfaces
RS232, USB, Keyboard Wedge, Wand Emulation

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
Near/Far Area Imager (EX25)

Scan Range
Typical Reading Distances

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	0.25 mm 10 mils	16 cm 6.30 in	0.9 m 2.95 ft
	0.5 mm 20 mils	18 cm 7.09 in	1.8 m 5.9 ft
	1 mm 40 mils	18 cm 7.09 in*	3.9 m 12.8 ft
	1.4 mm 55 mils	20 cm 7.87 in*	4.8 m 15.8 ft
	2.5 mm 100 mils	20 cm 7.87 in*	8.7 m 28.5 ft
EAN 100%	0.33 mm	20 cm 7.87 in*	1.1 m 3.6 ft
DataMatrix	0.25 mm 10 mils	20 cm 7.87 in*	0.74 m 2.43 ft
	1.4 mm 55 mils	20 cm 7.87 in*	3.4 m 11.2 ft
	2.5 mm 100 mils	20 cm 7.87 in*	6.8 m 22.3 ft
	8 mm 314 mils	20 cm 7.87 in*	17.8 m 58.3 ft

* as long as the barcode label fits the reading area

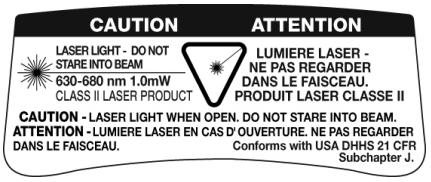
Supported Bar Code Symbologies
Supports all popular symbologies including Australian Post, Aztec, BPO, Codabar, Codablock A and F, Code 11, Code 39, Code 93/93i, Code 128/ISBT 128/EAN 128, DataMatrix, Dutch Post, Canada Post, EAN.UCC composite, Interleaved 2 of 5, Japan Post, Matrix 2 of 5, MaxiCode, 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 (Cordless)
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
Keyport Lite Software Wedge (for use with PCs using Win 95, 98, 2000, XP SP1 and English QWERTY keyboards)
Keyport Bluetooth Software Wedge (for use with PCs using Win XP SP2 and international keyboard types)

Accessories (Cabled)
Desktop Holder
Wall Mount Holder
Vehicle Holder
Hands Free Stand

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)



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