

SR61T

Industrial 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**
- **Interfaces with Intermec terminals and personal computers**
- **Easy configuration and personalization**
- **Industrial durability stands up to harsh environments**

The Intermec SR61T is the first 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 a cabled interface.

The SR61T eliminates the need for multiple scanners and substantially reduces total cost of ownership. With the SR61T, 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.

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 SR61T 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 SR61T makes it easy to scan at variable distances, lighting conditions and angles, improving worker productivity and accuracy.

Users can connect one SR61T scanner to one Intermec host device enabling 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 SR61T 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 SR61T survives multiple drops to concrete, hot and cold temperatures, and is sealed against dirt and water.

The SR61T 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

Scan Engine Options

EX25 near/far auto-focus area imager
 EV10
 EL20
 EA11
 Input Required: +5V DC +/-25%

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
EAN 100%	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
	0.33 mm	20 cm	1.1 m
			7.87 in*
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:**

EX25: -20°C to +60°C (-4°F to +158°F)
 EV10: -30°C to +50°C (-22°F to +122°F)
 EL20: -20°C to +55°C (-4°F to +131°F)
 EA11: -20°C to +60°C (-4°F to +158°F)

Storage Temperature:

EX25: -40°C to +70°C (-40°F to +158°F)
 EV10: -40°C to +70°C (-40°F to +158°F)
 EL20: -40°C to +60°C (-40°F to +140°F)
 EA11: -30°C to +70°C (-22°F to +158°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
 Replacement Battery w/ Boot
 EasySet™ Configuration Utility
 Keypoint Lite Software Wedge (for use with PCs using Win 95, 98, 2000, XP SP1 and English QWERTY keyboards)

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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