

Product profile

SR61TXR

Rugged Industrial 2D Extra Range Tethered Scanner



The Intermec SR61TXR is a handheld barcode scanner featuring integrated extra long-range area imaging and omni-directional technology that reads linear, matrix and composite bar code symbols from near contact to over 15 meters (50 feet). The SR61TXR is:

- **Class Leading** – the only industrial bar code area imager that can read bar codes up close and far away without leaving the forklift seat.
- **Ruggedized** – designed to maximize up time by withstanding 26 drops to concrete or steel from 2 m (6.5 foot), hot and cold temperature extremes, constant forklift vibration and windblown dust and rain.
- **Ergonomic** – omni-directional bar code reading eliminates the need for scanner orientation, improving operator productivity and efficiency.
- **Powerful** – a 1 megapixel imager captures images, video and high density bar code scanning in the single multipurpose device spreading your investment over multiple uses.

- **Adaptable** – easily connects to vehicle mount mobile computers making forklift data capture fast and efficient.
- **Fast** – features USB 2.0 full speed interface to quickly transfer bar code data or images to the host application saving operator time.
- **Smart** – onboard illumination adjusts to variable lighting environments to ensure rapid bar code reading on damaged and poorly printed codes.
- **Future proofed** – easily reads linear, stacked, composite and matrix barcodes.

The Intermec SR61TXR is designed for inventory management, picking, shipping and receiving, cross-docking, work-in-process, and pallet tracking applications. It eliminates the need for multiple scanners and substantially reduces the total cost of ownership. With the SR61TXR, companies can effectively address their current data capture needs while ensuring built-in readiness for tomorrow's 2D bar code and image capture warehouse management requirements.

In the warehouse, forklift operators who are equipped with an Intermec vehicle-mount computer – such as the CV30 or CV60 – can rely on the SR61TXR's auto focus technology to seamlessly transition between scanning objects up close to scanning pallets located more than 15 meters (50 feet) away. In addition, forklift operators can efficiently process warehouse functions from the safety of the forklift seat saving time and money.

To save time during deployment the SR61TXR includes Intermec's EasySet™ software setup tool for quick and easy configuration and personalization of your scanner system. The SR61TXR can improve many data capture applications by quickly decoding poor quality or damaged barcodes. Its on board image capture and video function can remove the expense of separate digital image equipment often used to document and prove the condition of warehouse goods. Users can also quickly set security options, select beeper tones and volumes, specify good read and error read responses, and make many other customizations.

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	80 cm (2.6 ft)
	1.4 mm (55 mils)	* cm	400 cm (13.1 ft)
	2.5 mm (100 mils)	* cm	800 cm (26.2 ft)
	7.62 mm (300 mils)	* cm	1524 cm (50 ft)

*Depends on symbology length and scan angle.

Supported Bar Code Symbologies

Australian Post; Aztec; BPO; Canada Post; Codabar; Codablock A; Codablock F; Code 11; Code 39; Code 93/93i; Code 128/GSI-128; DataMatrix; Dutch Post; EAN/UPC; GSI Composite; GSI DataBar Expanded; GSI DataBar Limited; GSI DataBar Omni-Directional; GSI DataBar Stacked; Infomail; Intelligent mail; Interleaved 2 of 5; Japan Post; Matrix 2 of 5; Maxicode; Micro PDF417; MSI; Multicode; PDF417; Planet; Plessey; Postnet; QR Code; Standard 2 of 5; Sweden Post; Telepen; TLC 39

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: 5% to 95% RH, Non-condensing

Shock and Vibration Protection: 2000G

Vibration: 8G from 10Hz to 500Hz, 2hr/axis, 3 axes

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

Desktop Stand
Wall Mount/Vehicle Holder
Hands Free Stand
Belt Holster
Dangle Suspension
Wrist Strap (Lanyard)

Regulatory Approvals

Laser Class 2 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 (China)



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