

## Product profile

# SR61

## Handheld Cordless Scanner



- **Bluetooth® radio communication eliminates cables and facilitates complete mobility**
- **Interfaces with Intermec terminals and personal computers**
- **Choice of Vista linear imager, area imager, or standard range laser scan options**
- **Easy configuration and personalization**
- **Industrial durability stands up to harsh environments**

Intermec's SR61 handheld cordless scanner incorporates the flexibility and rugged design of a handheld scanner with the seamless functionality of wireless communication. The SR61 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 30 meters (100 feet) from the host!

With the ability to interface with Intermec computer products including the 700 Series, CK30, CK31, CK60, and CV60 – the SR61 cordless scanner increases productivity while keeping costs down. Users can connect 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.

With multiple scan options, including linear, area and standard range laser, the SR61 allows users to configure the scanner to meet the specific needs of their

environment, whether they include reading specific barcode symbologies, decoding poor quality or damaged barcodes with ease or utilize image capture for proof of delivery and point of service applications.

The SR61 includes Intermec's EasySet™ software setup tool for easy configuration and personalization. The user can quickly set security options, select beeper tones and volumes, good read and error read responses, and many other customizations.

Scan intensive applications require reliable, accurate scanning and the SR61 delivers. The SR61 is designed to withstand rigorous application environments surviving multiple drops to concrete, cold and hot temperatures, and sealed to withstand dirt and water.

The SR61 delivers 10+ hours of use with a long lasting lithium ion battery that can be easily swapped ensuring minimal downtime.



**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, CK60, 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**

Standard range laser  
 Vista linear imager  
 Area imager

**Scan Range****MEMS standard range laser - Intermec EL20**

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	0.125mm 5 mil	10 cm 3.94 in	20 cm 7.87 in
UPC/EAN	0.33 mm 13 mil	*	55 cm 21.65 in
Code 39	1.397 mm 55 mil	*	150 cm 59.06 in

**Area Imager - Intermec EA11**

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	0.125mm 5 mils	7.5 cm 3 in	12.5 cm 4.9 in
	0.25 mm 10 mils	3.8 cm 1.5 in	26.5 cm 10.4 in
	0.5 mm 20 mils	4.5 cm 1.8 in	48 cm 18.9 in
UPC/EAN	0.33 mm 13 mils	4.5 cm 1.8 in	32.5 cm 12.8 in
	0.168 mm 6.6 mils	8.2 cm 3.2 in	12 cm 4.7 in
Data Matrix	0.254 mm 10mils	5 cm 2 in	21 cm 8.3 in
	0.381 mm 15 mils	4 cm 1.6 in	31.5 cm 12.4 in
PDF417	0.168 mm 6.6 mils	6.4 cm 2.5 in	15.8 cm 6.2 in
	0.254 mm 10 mils	4.2 cm 1.7 in	23.5 cm 9.3 in

**Linear Imager - Intermec EV10**

Symbology	Bar Code Content	Density	Minimum Distance	Maximum Distance
	RESO	0.1 mm	10 cm	15 cm
	0.100MM	4 mil	3.9 in	5.9 in
Code 39	R 0.125 MM	0.125 mm 5 mil	9 cm 3.5 in	18.5 cm 7.3 in
	0.25	0.25 mm 10 mils	5.5 cm 2.2 in	27.5 cm 10.8 in
	.5	.05 mm 20 mil	4 cm 1.6 in	37 cm 14.6 in
	RiMM	1 mm 40 mil	7.5 cm 3 in	51 cm
UPC/EAN	12001000	0.33 mm	5.2 cm	29.5 cm
	10100	13 mils	2 in	11.6 in
PDF417	10 mil	0.254 mm 10 mils	10 cm 3.9 in	17.5 cm 6.9 in
	15 mil	0.381 mm 15 mils	8 cm 3.1 in	19.5 cm 7.7 in

**Supported Bar Code Symbolologies**

**1D (all versions):** Code 128/EAN128; Code 39; Interleaved 2/5; UPC/EAN/ISBN including add-ons; 2/5 Matrix, standard; Codabar; Code 93; MSI; Plessey; Code 93i; Code 11; Telepen; ISBT128; RSS

**Stacked (Vista and Area versions only):**

RSS; Micro PDF; PDF417; Macro PDF; Codablock; TLC39; Composite Codes (CC-A, B & C)

**2D (Area version only):** Maxicode; DataMatrix; QR Code; 4-State Postal Code; Planet Postal Code; Postnet Postal Code

**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)

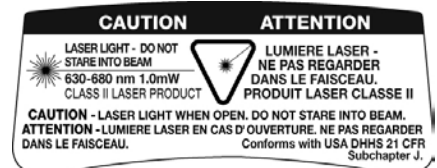
**Ambient light:** Works in any lighting conditions from 0 to 100,000 lux

**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**

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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