Product profile

SR61

Rugged Handheld Scanner

- **Available in Bluetooth® cordless or cable versions**
- **Interfaces with Intermec terminals and personal computers**
- **Choice of linear imager, area imager, or standard range laser scan options**
- **Easy configuration and personalization**
- **Industrial durability stands up to harsh environments**

The Intermec SR61 handheld scanner meets the needs of rugged applications in warehouse, distribution center and industrial manufacturing settings. The SR61 is engineered to withstand the abuse of industrial environments and to satisfy user demands that hand held scanners be as durable as forklifts. Its high impact housing is virtually impenetrable, and its solid state design provides protection exceeding industrial and military standards. The SR61 thrives in harsh environments where dust, moisture or extreme temperatures are constants and production uptime is critical.

Cordless versions of the SR61 handheld scanner incorporate 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 CN3 series, CK3, CK30, CK31, CK32, CK60, CK61, CV30, CV60, 700 series standard PCs, 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 cordless scanner delivers 10+ hours of use with a long lasting lithium ion battery that can be easily swapped ensuring minimal downtime.

Intermec®

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
Standard range laser (EL20)
Linear imager (EV10)
Area imager (EA11)

Scan Range
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
Data Matrix	0.168 mm 6.6 mils	8.2 cm 3.2 in	12 cm 4.7 in
	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
Code 39	RESO 0.100MM	0.1 mm 4 mil	10 cm 3.9 in	15 cm 5.9 in
	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 10100	0.33 mm 13 mils	5.2 cm 2 in	29.5 cm 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

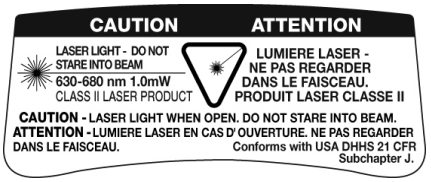
Supported Bar Code Symbologies
1D (all versions): Code 128/EAN128; Code 39; Interleaved 2/5: UPC/EAN/ISBN including add-ons; 2/5 Matrix, standard; Codabar; Code 93; MSI; Plessey; Code 93i; Code 11; Telepen; ISBT128; RSS
Stacked (Linear and Area versions only): RSS; Micro PDF; PDF417; Macro PDF; Codablock; 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: -40°C to +70°C (-90°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 (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
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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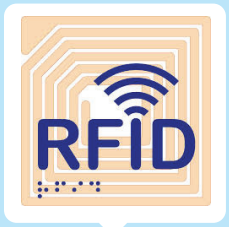

RFID

Consumables
(labels, ribbons, PVC cards)

All Brands Technical Service

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