Intermec

Product
Profile

- **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**

- **Vehicle mount charger option**

Intermec® Intellibeam™

SR61 HANDHELD CORDLESS SCANNER

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 up to seven SR61 scanners to one 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.
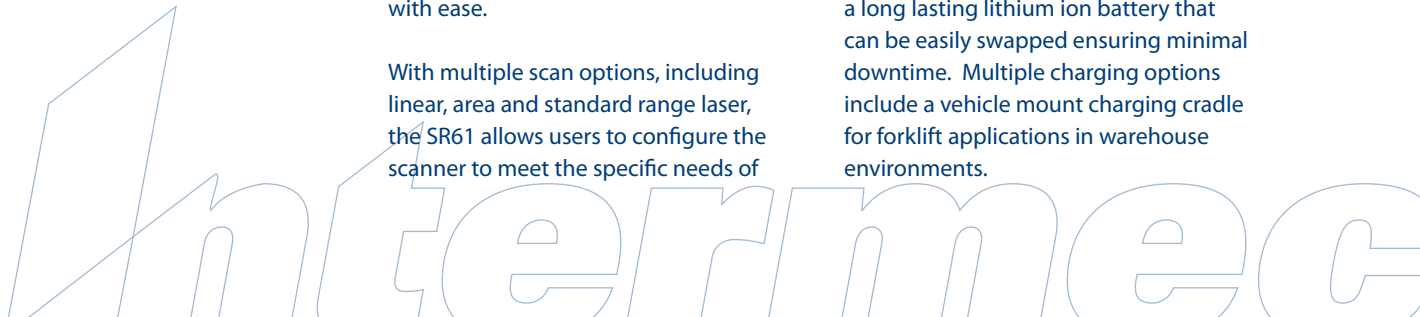
With multiple scan options, including linear, area and standard range laser, the SR61 allows users to configure the scanner to meet the specific needs of

their environment, whether they include reading specific barcode symbologies, decoding poor quality or damaged barcodes with ease or the ability to capture signatures 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. Multiple charging options include a vehicle mount charging cradle for forklift applications in warehouse environments.

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, 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
Linear Imager

Bar Code Label Size	Scan Range
2 mil / 0.05 mm	8.8 to 12.6 cm
5 mil / 0.13 mm	5 to 20 cm
7.5 mil / 0.19 mm	2.5 to 34 cm
10 mil / 0.25 mm	2.5 to 36.7 cm
15 mil / 0.38 mm	2.5 to 50.6 cm
20 mil / 0.5 mm	2.5 to 63 cm
40 mil / 1.0 mm	5 to 102 cm
55 mil / 1.4 mm	7.6 to 102 cm
70 mil / 1.8 mm retro-reflective	23 to 91 cm
100 mil / 2.54 mm retro-reflective	30 to 106 cm
100% UPC/EAN	2.5 to 34 cm

Area Imager

Bar Code Label Size	Scan Range
5 mil / 0.125 mm	8.2 to 12.3 cm
6 mil / 0.15 mm	7.5 to 14.8 cm
8 mil / 0.20 mm	5.5 to 20.5 cm
10 mil / 0.25 mm	4.0 to 25.0 cm
12 mil / 0.30 mm	3.8 to 29.0 cm
20 mil / 0.5 mm	5.0 to 40.0 cm
40 mil / 1.0 mm	8.5 to 60.0 cm

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 (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 +45°C (32°F to +113°F)
Humidity: 0 to 95% RH, Non-condensing
Shock and Vibration Protection: SAE Specification J1399 Class 3 (off road vehicle)
Rain and Dust Resistance: IP-65
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
Vehicle Mount Charger
Bluetooth USB Adapter
Replacement Battery w/ Boot
EasySet™ Configuration Utility

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); CCC (China); Spring Mark (Singapore); MIC and EK marks (South Korea); ANATEL (Brazil)

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