The Intermec SR61HD DPM handheld scanner is a customized variant of the SR61 family, capable of scanning high density bar codes and direct part marks commonly used to track assets in defense, aerospace, automotive, pharmaceutical, and telecommunications industries. Since this scanner is built on a common hardware platform, it is a much more cost-effective solution for scanning direct part marks when compared to specialized, purpose-built devices.

With a customized imager, the SR61HD DPM can reliably scan marks applied with a variety of manufacturing processes: dot peening, chemical etching, laser etching, casting, engraving or stenciling—while still providing snappy performance on standard bar codes. The high performance imager is capable of scanning very fine marks (as small as 3 mils for 1D codes and 5 mils for DataMatrix codes), features unmatched motion tolerance (up to 500 in/sec) for incredible responsiveness, and includes advanced built-in capabilities that increase scanner versatility: data parsing, multi-code reading, and image/video capture.

Like all SR61 scanners, the SR61HD DPM features a high impact housing and a solid state design that exceeds industrial and military standards and can be counted on to perform well in harsh environments where dust, moisture or extreme temperatures are the norm. The flexibility of the SR61 family translates into increased productivity, while keeping costs down. Seamless integration with Intermec computers, printers, and standard PCs is supported. Additionally, users may connect to a multitude of host devices running inventory management, picking, shipping and receiving, cross docking, work-in-process, tool crib, and pallet tracking applications.

Government and industry mandates—such as UID, ATA, Spec 2000, and AIAG B11—have led to the widespread adoption of direct part marks as the de facto standard for tracking high value or mission critical assets. Now, you can affordably meet these regulations with the SR61HD DPM, built on the proven SR61 industrial bar code scanner platform.
Comprehensive Support Services Available
Intermec bar code scanners operate in dynamic business environments, and a support plan can protect you from unforeseen contingencies. Intermec Medallion® Service programs deliver the highest levels of productivity, device reliability, and uptime. The Medallion® Complete support package covers hardware failure, general wear and tear and accidental damage. For more information, visit www.intermec.com/services.

Physical Characteristics – Tethered Models
Dimensions (LxWxH): 19.4 cm (7.6 in) x 7.2 cm (2.8 in) x 13.1 cm (5.2 in)
Weight: 320 gm (11.2 oz)

Physical Characteristics – Wireless Models
Dimensions (LxWxH): 17.8 cm (7 in) x 7 cm (2.75 in) x 11.4 cm (4.5 in)
Weight (without battery): 425 gm (15 oz)

Power – Tethered Models
Power Requirements: 5V DC, 1.7A

Power – Wireless Models
Battery Type: Lithium-ion
Battery Life: >10 hours per full charge
Recharge Time: >2.5 hours for 90% charge

Connectivity
Connects to Intermec computers and printers, as well as standard PCs.

Interfaces – Tethered Models
RS232, USB 2.0 (HID Keyboard, Virtual Com Port, Video Class), Keyboard Wedge, Wand Emulation

Interfaces – Wireless Models
SPP, HID Keyboard

Radio – Wireless Models
Frequency Band: 2.4 GHz
Type: Bluetooth class 1 version 2.1 + EDR

Scan Engine Options
SR61xDPM - High Definition Area Imager (EA30HD)

Scan Range – Typical reading distances at 200 lux

Symbology | Density | Minimum Distance | Maximum Distance |
---|---|---|---|
Code 39 | 0.076 mm (3 mils) | 5.5 cm (2.17 in) | 9 cm (3.54 in) |
 | 0.1 mm (4 mils) | 5 cm (2.00 in) | 10.5 cm (4.13 in) |
 | 0.125 mm (5 mils) | 5 cm (2.00 in) | 12 cm (4.72 in) |
 | 0.5 mm (20 mils) | 7.5 cm (3.00 in) | 23 cm (9.00 in) |
 | 1 mm (40 mils) | * | 36 cm (14.17 in) |

EAN 100% | 0.33 mm (12 mils) | 6 cm (2.36 in) | 18 cm (7.09 in) |

PDF417 | 0.125 mm (5 mils) | 5 cm (2.00 in) | 12.5 cm (4.92 in) |
 | 0.25 mm (10 mils) | 4 cm (1.57 in) | 16.5 cm (6.50 in) |
 | 0.38 mm (15 mils) | 6 cm (2.36 in) | 20.5 cm (8.07 in) |

DataMatrix | 0.125 mm (5 mils) | 5.5 cm (2.17 in) | 10.5 cm (4.13 in) |
 | 0.25 mm (10 mils) | 4.5 cm (1.77 in) | 14 cm (5.51 in) |

*Depends on symbology length and scan angle.

Supported Bar Code Symbologies
1D & Stacked: Codabar; Codablock; Code 11; Code 128 (GS1-128); Code 39; Code 93/93i; EAN/UPC; GS1 Databar Expanded; GS1 Databar Limited; GS1 Databar Omni-Directional; GS1 Databar Stacked; Interleaved 2 of 5; Matrix 2 of 5; Macro PDF; Micro PDF; MSI; PDF417; Plessey; Standard 2 of 5; Telepen; TLC39

2D: Aztec; DataMatrix; GS1 Composite; MaxiCode; QR Code

Regulatory Approvals (SR61T)
Laser Class 2; CE Mark (EU) (EN 55024, EN 55022 Class B, IEC 60950-1, IEC 60825-1); C-Tick 22 Class B; CQC (CH); cULus (CA/USA) (UL 60950-1); C-Tick (AU/NZ); GG Mark (DE) (EN 60950-1, EN 60825-1); KCC (KR); NDM (MX); Part 15 of FCC Rules, Class B

Regulatory Approvals (SR61B)
Laser Class 2; ANATEL (BR); CE Mark (EU) (EN301 489-17 V2.1.1, EN 350 328 V1.7.1, IEC60950-1, IEC60825-1); COFETEL (MX); CULus (CA/USA) (UL 60950-1); C-Tick (AU/NZ); C-Tick (KR); SRRS (CH); Part 15 of FCC Rules, Class B

Power – Tethered Models
Power Requirements: 5V DC, 1.7A

Power – Wireless Models
Battery Type: Lithium-ion
Battery Life: >10 hours per full charge
Recharge Time: >2.5 hours for 90% charge

Connectivity
Connects to Intermec computers and printers, as well as standard PCs.

Interfaces – Tethered Models
RS232, USB 2.0 (HID Keyboard, Virtual Com Port, Video Class), Keyboard Wedge, Wand Emulation

Interfaces – Wireless Models
SPP, HID Keyboard

Radio – Wireless Models
Frequency Band: 2.4 GHz
Type: Bluetooth class 1 version 2.1 + EDR

Range (Class 1): 100 m (325 ft) in typical work environment,
30 m (100 ft) in typical work environment

Features: Adaptive frequency hopping

Recharge Time:
- 10+ hours per full charge
- 2.5 hours for 90% charge

Battery Type:
- Lithium-ion

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

Standard Warranty
Tethered Models (SR61T): 3 years
Bluetooth Models (SR61B): 3 years (90 days on battery)

Extended protection available with Medallion support

Accessories
For a full listing of compatible accessories, visit www.intermec.com/tx61.

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