

Product profile

SR30

Light Industrial Handheld Scanner



- Auto-adapting interface enables fast and easy connectivity
- Interface flexibility reduces need for multiple devices, saving costs
- Aggressive scan rate
- Patented Vista scanning technology reads damaged or poorly printed bar codes
- Easy configuration and personalization
- Supports data editing
- Lightweight and comfortable to hold
- GTIN compliance, GS1 databar compatible

The Intermec SR30 handheld scanner offers the optimum combination of performance, durability, ergonomics and investment protection for applications in office and light industrial settings. Designed to automatically adapt to different interfaces, the SR30 is fast and easy to install, and equally easy to reconfigure. Built for productivity, the lightweight SR30 integrates patented Intermec Vista linear imaging technology to deliver fast, always-accurate scanning even when bar codes are damaged or poorly printed.

Area imager versions of the SR30 include support for popular 1D and 2D barcodes as well as image capture capability. Items are scanned without having to orient the SR30 to the barcode thereby increasing productivity in scan-intensive environments.

The SR30's auto-adapting capabilities simplify installation, enabling instant connectivity to Intermec mobile or fixed mount computers and personal computers. Users can easily connect the scanner to the host and start scanning immediately.

When new application requirements arise, the user only needs to change the interface cables, not the device itself. This flexibility reduces device costs and complexity for both user companies and their information technology suppliers. Inventory needs are simplified, and user training costs are reduced.

The SR30 handheld scanner includes the Intermec EasySet™ software set-up tool for easy configuration and personalization. The user can quickly select beeper tones and volumes, good read and error read responses, and many other preferences. In addition, the SR30 can be configured for data editing. This enables the user to scan barcode data, edit it via the scanner, and only transmit desired output to the host.

Holder accessories available for the SR30 scanner include desktop stand, wall mount holder, and hands-free stand.

Snappy and accurate, the Intermec SR30 handheld scanner streamlines light industrial data capture applications

Physical Characteristics

Length: 168 mm (6.6 in)
Width: 72.5 mm (2.9 in)
Depth: 107.9 mm (4.25 in)
Weight: 190 g (6.7 oz)

Power

SR30 is powered via host or universal 5 volt power supply.

Connectivity

Tethered interface to Intermec computers, personal computers
Current Intermec computers: 700 series, CK30, CK31, CK60, CV30, CV60
Legacy Intermec computers: 2435, 5055, 6400, 242x, 2455, 2475, 246x, 248x, and 5020

Scan Technology

Intermec Linear Imager EV12
Intermec Area Imager EA15

Supported Bar Code Symbologies (EV12)

UPC (EGA), EAN, RSS, Code 39, Code 128, UCC/EAN 128, ISBN, ISBT, Interleaved, Matrix, Industrial and Standard 2 of 5, Codabar, Code 93/93i, Code 11, MSI, Plessey, Telepen

Supported Bar Code Symbologies (EA15)

Same as EV12 plus: Australia Post, Aztec, BPO, Canada Post, Codablock, Data Matrix, Dutch Post, EAN/UCC Composite, Japan Post, Maxicode, PDF417/Micro PDF417, Planet, Postnet, QR Code, TLC 39, Swedish Post, Infomail

Environment

Operating temperature: 0° C to 50° C (32° F to 122° F)
Storage temperature: -20° C to 60° C (-4° F to 140° F)
Humidity: 0 to 95% RH, Non-condensing
Drop survival: 26 drops to concrete or steel surface from a height of 1.5 m (5 ft)
Seal rating: IP30
Ambient light: Works in any lighting conditions from 0 to 100,000 lux

Accessories

Desktop stand, wall mount holder, hands free stand, interface cables and EasySet™ configuration software utility.

Regulatory Approvals

RoHS Compliant; 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); 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); Industry Canada ICES-003 Class B

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Typical Reading Distances

The reading distances given are typical reading distances measured in an office environment (200 lux) using Grade A bar codes with extended reading range activated.

EV12 Linear Imager

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	0.125 mm / 5 mils	8 cm / 3.1 in	23.5 cm / 9.3 in
	0.25 mm / 10 mils	6 cm / 2.4 in	32 cm / 12.6 in
	0.5 mm / 20 mils	5 cm / 2 in	52 cm / 20.5 in
UPC/EAN	1 mm / 40 mils	8 cm / 3.1 in	84 cm / 33.1 in
	0.33 mm / 13 mils	5.5 cm / 2.2 in	33 cm / 13 in

EA15 Area Imager

Symbology	Density	Minimum Distance	Maximum Distance
Code 39	0.125 mm / 5 mils	7.2 cm / 2.8 in	13.1 cm / 5.1 in
	0.20 mm / 8 mils	3.8 cm / 1.5 in	22.5 cm / 8.8 in
	0.25 mm / 10 mils	3.4 cm / 1.3 in	27 cm / 10.5 in
	0.5 mm / 20 mils	5 cm / 2 in	44 cm / 17.2 in
UPC/EAN	1 mm / 40 mils	8 cm / 3.1 in	83 cm / 32.4 in
	0.33 mm / 13 mils	5 cm / 2 in	32 cm / 12.5 in
Data Matrix	0.191 mm / 7.5 mils	6.3 cm / 2.5 in	17.3 cm / 6.7 in
	0.254 mm / 10 mils	4.8 cm / 1.9 in	22 cm / 8.6 in
	0.381 mm / 15 mils	*	29 cm / 11.3 in
PDF417	0.16 mm / 6.6 mils	6.2 cm / 2.4 in	15.4 cm / 6 in
	0.254 mm / 10 mils	4.5 cm / 1.8 in	23 cm / 9 in
	0.381 mm / 15 mils	4 cm / 1.6 in	37 cm / 14.4 in

*Minimum distance depends on symbology length and scan angle.

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