



Intermec

Product Profile

- Dual-diode laser engine allows close-in and extra long distance scanning.
- Aiming beam feature for accurate scanning.
- Durable Sabre design withstands the harshest environments.
- Three-year warranty guarantees customer satisfaction.
- Free EasySet configuration utility makes initial scanner set up a snap!



SABRE® 1553 XLR SCANNER

Intermec reaches new heights with the Sabre 1553 Extra Long Range (XLR) scanner. Able to scan a 100 mil (2.54mm) bar code from as far away as 35 feet, the 1553 XLR offers more than any other long range Intermec product.

Intermec's 1553 XLR scanner has far reaching performance. Its dual-diode laser engine lets you scan as close as 4 inches (10.2 cm.) to as far as 35 feet (10.7 meters) from a bar code using a single scanner. No need to buy multiple scanners to handle a variety of scanning distances.

The Sabre 1553 is built to last. The Sabre line of scanners has proven that it excels in harsh environments, whether it's intense forklift vibration in the manufacturing plant or distribution center, or extreme field conditions like rain, heat, cold, and dust. With the 1553

XLR, we've kept the rugged Sabre design that set the standard for durability, performance, and comfort. The 1553 XLR boasts a rubber overmold, protected window, cable strain relief, and additional features that reduce shock and protect electrical components from rough treatment and tough conditions.

Setting up the 1553 XLR scanner is a snap with EasySet – a software utility for quick and easy configuration of Intermec scanners. No need to page through thick manuals to turn on application features. With a point and click you can print a barcode that configures your scanner with a single scan. Even better, every 1553 XLR comes with EasySet configuration software free of charge.

If you need to scan the tough to reach spots, reach for Sabre 1553 XLR—your long range scanning solution.

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Physical Description

The Sabre 1553 Extra Long Range Industrial Scanner

Product Contents

Scanner, EasySet and Quick Reference Card

Warranty

3 years

Physical Characteristics

Length: 12.7 cm (5.0")

Height: 17.3 cm (6.8")

Width: 8.4 cm (3.3")

Weight: 294 g (10.4 oz.)

Power Requirements

Voltage: +4.5 to 12V

Maximum Operating Current: 215mA at 5.0V

Terminal Connectivity

RS-232, USB, Keyboard Wedge, Wand Emulation, Laser Emulation depending on application and cable. Consult the EasySet "terminal selector" for terminal support and cable availability information.

Bar Code Symbolologies

UPC (E&A), EAN, Code 11, Code 39, Code 128, UCC EAN 128, ISBN, ISBT, Interleaved 2 of 5, Codabar, CXode 93, MSI, Plessey, Telepen, ISBT 128

Scanning Performance

Scan rate: 35+5 scans/sec

Minimum X dimension: 10 mil

Depth of field: 10cm to 10.6m (4 to 35 ft)

Scan Angles: 48%

PCR: Minimum 40% reflective difference

Skew: + 45 degrees

Pitch: + 45 degrees

Optical Parameter: Visible laser diode: 670 nm

Scan Range

10 mil / 0.25 mm:	10.2 cm to 33 cm	4" to 13"
15 mil / 0.38 mm:	10.2 cm to 1.4m	4" to 4.5'
20 mil / 0.5 mm:	10.2 cm to 1.7 m	4" to 5.5'
40 mil / 1.0 mm:	30.5 cm to 3.4m	12" to 11'
55 mil / 1.4 mm:	.9 m to 4.6 m	3' to 15'
70 mil / 1.8 mm retro-reflective:	2.0 m to 7.6 m	6.5' to 25'
100 mil / 2.54 mm retro-reflective:	2.1 m 10.7 m	7.5' to 35'

*Near and far range values reflect typical reading distances experienced by most users on Code 39.

Accessories

Vehicle mount holder, wall mount, holder, holster and belt.

Environmental

Operating Temperature: -30 C to -50 C (-22 F to 122 F)

Storage Temperature: -40 C to -70 C (-40 F to 158 F)

Humidity: 0-95% non condensing

Shock and Vibration: Class 3 SAE off-road vehicle specification Vibration Rain and

Dust Resistance: IP54

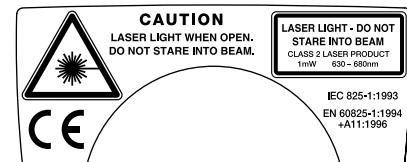
Drop Survival: 26 drops from 6 feet to concrete

Regulatory Approvals

ESD: Conforms to 15KV rating per IEC 801-2

EMI Emissions: Conforms to Class B FCC Part 15, CISPR Publication 22 Class B, EN55022 Class B

Approvals: UL & cUL listed, TUV Rheinland GS licensed, CE marked



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