



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 harsh conditions.
- 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 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 and 20 degrees Celsius

Optics System

Visible laser diode: 670nm± 10nm
 USA/Canada Class II
 International Class 2
Scan Rate: 35± 5 scans/sec

Optical Parameters

Pitch: ± 45 degrees
Skew: ± 45 degrees
Humidity: 0% to 95% non-condensing

Print Contrast

Minimum 40% reflective difference.

Ambient Light Immunity

Immune to direct exposure from office level lighting and sunlight.

Environmental

Operating Temperature: -30 Celsius to -50 Celsius
Storage Temperature: -40 Celsius to -70 Celsius
Humidity: 0-95% non condensing
Shock: 26 six foot drops to concrete
Vibration: Class 3 SAE off-road vehicle specification
Environmental: Scanner sealed against windblown rain and dust (IEC 529 rated at IP54)

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

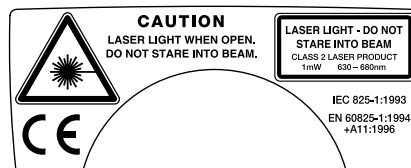
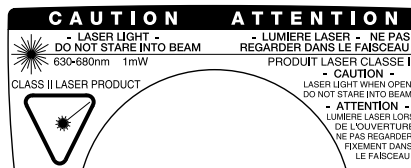
Host Interfaces

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.

Accessories

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

Depth of Field		Near*		Far*	
mil	mm	inch/ft	cm/m	inch/ft	cm/m
10	.25	4 in	10.2cm	13in	33 cm
15	.38	4 in	10.2cm	4.5 ft	1.4m
20	.51	4 in	10.2cm	5.5 ft	1.7m
40	1.01	12 in	30.5cm	11 ft	3.4m
55	1.40	3 ft	.9 m	15 ft	4.6m
70**	1.78	6.5 ft	2.0 m	25 ft	7.6m
100**	2.54	7.5 ft	2.1 m	35 ft	10.7m



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

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