Intermec

VISTA POWERED™

Product
Profile

- **Patented Vista™ Technology**

- **Scan rate of 270 scans/second**

- **Durable Sabre® design withstands harsh environments.**

- **Reads poor quality or damaged bar codes out to 19 inches**

- **Five-year warranty guarantees customer satisfaction**

- **Free EasySet configuration utility makes initial setup a snap!**

Sabre® 1400 Linear Imager

Data collection needs continue to change and grow and it's no secret that Intermec builds relationships by bringing real value to our customers, which is why we are pleased to offer the Sabre 1400 Linear Imager.

Targeted at industrial and heavy-duty applications, this Vista-powered linear imager is ideal for applications in warehouse and distribution and anywhere durability and strength are required.

The Sabre 1400 combines the exceptional speed and performance of Intermec's patented Vista™ technology with the range and precision of laser scanners. A scanning range of up to 19 inches on damaged or poorly printed bar codes, an intuitive, bright, sharp scan line and ergonomic design make the 1400 extremely user friendly.

Built on the highly acclaimed Sabre® platform of scanners, the 1400 carries one of the highest durability ratings of any scanner on the market. Windblown rain and dust, arctic to desert temperatures, and off-road vehicle vibrations are no match for the 1400—proving the 1400 is built for the harshest environments.

What's more, exceptional durability combined with low power consumption makes the Sabre 1400 an excellent choice for portable data collection in warehouse, manufacturing, and distribution applications. Capturing data at a rate of 270 scans per second, nearly 7 times faster than conventional laser scanners, the 1400 has an insatiable need for speed. Plus, the 1400 will capture bar codes directly off the display of a laptop or vehicle mounted computer—a feature laser scanners only dream about.

Setting up the 1400 is a breeze with EasySet – a software utility for quick and easy configuration of Intermec scanners. There's no need to page through thick manuals to turn on/off features required for your application. With a point and click you can print a barcode that configures your linear imager with a single scan. Even better, every 1400 Linear Imager comes with EasySet configuration software free of charge.

It's time to improve your "image" with the Vista-powered™ 1400—your linear imaging solution.

Physical Description

The Sabre 1400 is a light-weight linear imager made from ruggedized, molded plastic and protective rubber overmolding.

Physical Characteristics

Length: 8.9 cm (3.5")
Height: 17.8 cm (7.0")
Width: 5.6 cm (2.5")
Weight: 6.5 oz (185 g) without cable

Power

Supply: 140mA nominal at 4.6 to 5.5 V

Hardware

Interfaces: RS-232c Serial, IBM PC XT/AT or PS/2 30/50-80, Apple Mac ADB, RS-232TTL, IBM 3151/347X/318X/319X, IBM Thinkpad, Espirit 200/400, Wyse, Zenith CruisePAS, laptops, and Intermec Terminals

Bar Code Symbologies

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

Scanning Performance

Scan rate: 270 scans/s
Minimum X dimension: down to 0.05 mM (2mil) on Code 39
Depth of field: 2.3 to 48.3 cm (0.9 to 19.0")
Scan angles: 48º nominal
PCR: down to 20%
Code width: up to 18 cm (7.0") on 0.3 mm (12mil) resolution code
Skew: ±48°
Pitch: ±48°

Accessories

062443 Scanner Pouch
068174 Holster and Belt
068175 Vehicle Mount Holder
068176 Wall Mount Holder
068483 Desk Mount Holder
068484 Hands-free Stand

Environment

Operating Temperature: -30 to 60º C (-22 to 140º F)
Storage Temperature: -40 to 60º C (-40 to 140º F)
Humidity: 5% to 95% (non-condensing)
Shock and Vibration Protection: Shock: 2000G / Vibration: 50G r.m.s.
Rain and Dust Resistance: Sealed against windblown rain and dust
Drop Survival: 26 six foot drops to concrete

Regulatory Approvals

Not available yet

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