

> INTERMEC SF51

High performance cordless scanner



KEY FEATURES – BENEFITS

- Unique design enables users to increase productivity with truly “hands-free” scanning
- Bluetooth™ radio communication eliminates cables and facilitates complete mobility
- Interfaces with Intermec terminals and personal computers
- Intermec EV10 linear scan engine delivers unparalleled flexibility reading high density, PDF and standard range bar codes
- Industrial durability stands up to harsh environments and multiple drops
- Small size is easily articulated for quick Scanning



PRODUCT OVERVIEW:

Intermec’s SF51 scanner incorporates a unique, light weight form factor with a magnetic attach/release mechanism to maximize productivity. The unique patent pending design takes “hands free scanning” to a new level. Instead of mounting the scanner onto the user’s hands or fingers and thereby restricting use, the SF51 is designed to be worn on the waist, wrist, or chest.

The attach/release mechanism can be used without looking at it. This allows the user to quickly and easily access and release the scanner when it’s needed, and when done scanning, reattach the SF51 for un-inhibited use of their hands. An extremely durable scanner with a wireless personal area network (PAN) radio based on Bluetooth™ communication protocol, the SF51 can cordlessly connect to Intermec terminals without a base station, delivering an affordable, high performance solution for scan intensive applications.

The SF51 utilizes the Intermec EV10, an innovative linear scan engine with new APS CMOS technology. It delivers unparalleled flexibility by combining high density, PDF417 and standard range bar code reading in one scan engine. The solid state scan engine delivers a snappy 200 scans per second, easily reading poor quality and damaged bar codes from up to 50 cm (19.7 inches) away.

Intermec’s SF51 cordless scanner is designed for applications that require complete mobility and hands free scanning in transportation, logistics, warehousing and manufacturing environments. Used alone or coupled with an Intermec terminal or vehicle mount computer the SF51 excels in scan intensive applications such as picking, inventory management, direct store delivery, and work-in-process.



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PHYSICAL CHARACTERISTICS

The SF51 is a small, industrial handheld scanner that fits comfortably into the user's hand, yet rugged enough to endure multiple drops and withstand harsh environments. The SF51 will connect wirelessly to a variety of fixed and mobile computer equipment using a low power Bluetooth™ radio link.

PHYSICAL CHARACTERISTICS

- Length: 15.6cm (6.1 in.)
- Height: 3.3cm (1.3 in.)
- Width: 4.6cm (1.8 in.) in the front tapered to 3.2cm (1.26 in.) in the rear
- Weight: 263gm (9.3 oz.)

POWER

Battery Type:

- Lithium-ion

Battery Life:

- Scanning at 5 second intervals will last approx. 15 hours or 10,000 scans

Recharging Time:

- 3 hours

TERMINAL CONNECTIVITY

- Intermec Bluetooth enabled terminals including 700 series, CK30, CK31, CK60, CV30, and CV60.
- Will also connect to PC via USB or serial port using an Intermec RS232 or USB Bluetooth adapter.

SCANNING PERFORMANCE OF THE EV10 SCAN ENGINE

- Scan rate: 200 scans per second
- Minimum X dimension: 4 mils (0.1mm)
- Scan Range: up to 50cm
- Scan angles: 40 degrees
- Print Contrast Ratio: down to 25%

RADIO CHARACTERISTICS

- Radio Type: Bluetooth Class 1 version 1.2

RANGE:

- Host radio Class 1: 30.5 meters (100 ft.)

ACCESSORIES

- Single bay charger
- Four bay charger
- Belt clip holder
- Industrial belt clip holder
- Forearm Holster
- Chest Strap Holder
- USB Bluetooth Adapter
- EasySet™ Configuration Utility

ENVIRONMENT

Operating Temperature:

- -20°C to +50°C (-4°F to +122°F)

Storage Temperature:

- -20°C to +60°C (-4°F to 140°F)

Recharging Temperature:

- 0°C to +35°C (32°F to +95°F)

Humidity:

- 0 - 95% RH, Non-condensing

Rain and Dust Resistance:

- IP52 rated

Drop Survival:

- 26 drops onto concrete or steel surface from a height of 1.8 m (6 ft)

Ambient light:

- works in any lighting conditions from 0 to 100,000 lux

REGULATORY APPROVALS

- C-TICK (Australia and New Zealand) (AS/NZS 3548 based on CISPR22)

BAR CODE LABEL SIZE AND SCAN RANGE

- 4 mil: 11.9cm – 12.95cm (4.7 in. - 5.1 in.)
- 12 mil: 4.57cm – 23.9cm (1.8 in. - 9.4 in.)
- 20 mil: 4.31cm – 30cm (1.7 in. - 11.8 in.)
- 40 mil: 11.9cm – 39.9cm (4.7 in. - 15.7 in.)
- 100% UPC/EAN: 4.57cm – 23.9cm (1.8 in. - 9.4 in.)

If you would like further information about any of our products or services, or to learn more about our case studies, please visit our website at www.radterm.com.au, call us on +61 3 9240 4200 or email sales@radterm.com.au and we'll contact you within 24 hours of your enquiry.

RTS is an Australian hardware manufacturer and integrator of mobile devices, specialising in warehousing and materials handling applications. The company was founded in 1997, and is now recognised for its market-leading ruggedised products and responsive customer service.

RTS is a subsidiary of the Oxford Logistics Group, a family owned business which focuses on providing products and services for the cold storage, logistics, warehousing and materials handling industries.

Because of our constant product improvement process, these performance specifications may be subject to change at any time without notice.



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