

## Product profile

# SG10T

General Purpose  
Linear Imager



The Intermec SG10T, a simple, affordable and reliable handheld bar code reader designed for small to medium sized businesses.

- 1D bar code reading at an affordable price
- Easy to connect to the USB and Key Board Wedge interfaces
- Solid state linear imaging technology delivers reliability for years to come
- Backed by Intermec's comprehensive warranty to ensure your investment is protected

### The Right Fit for Your Scanning Needs

Using barcodes and scanners to track inventory and assets has been proven to increase accuracy and efficiency for businesses. The Intermec SG10T handheld bar code reader gives businesses an easy, affordable, and reliable way to capture these benefits in their day-to-day operations.

The SG10T reads all common 1D bar codes with ease. No complicated set up, no accessories required to complete the solution and no cordless connections to fuss with. This straightforward approach enables the SG10T to be the best and only choice when all you need to do is read a 1D bar code.

### Easy to Use, Straight Out of the Box

The SG10T is so simple it comes complete with everything needed to start scanning 1D codes. Just plug it in and start scanning. Whether scanning traditional UPC/EAN or GS1 databar symbols, the SG10T is ready for the challenge. Counter top scanning needs at retail POS, library desks, banks, medical, insurance, law firms and government offices can be up and running with no set up or training necessary. The intuitive point

and shoot trigger ergonomics will make quick work of all 1D bar code reading applications.

The SG10T is also compatible with Intermec's exclusive EasySet™ PC programming tool. Just a few short clicks and the Windows-based utility will produce all the programming bar codes necessary for any custom application.

### Performance & Reliability

The SG10T was developed with reliability in mind; it uses solid state design for increased dependability. With Intermec's legacy of innovation and rugged design, the SG10T is reliable for the task at hand, backed with a 3-year warranty. And the SG10T's affordable price doesn't mean you have to compromise in style or performance. Leading performance in a stylish point and shoot form factor make the SG10T the bar code reader of choice for many entry level counter top reading needs.

The SG10T has all you need; reliability and ease of use at an affordable price.

### Physical Characteristics

#### Dimension (L x W x H):

16.4 cm (6.46") x 6.7 cm (2.64") x 5.4 cm (2.13")

Weight: 105 g (.23 lbs) (without cable)

### Power Requirements

Voltage: 5 vdc, external power supply not required

Standby current: <110mA

Operating current: < 200mA

### Connectivity

Scanner Connector: RJ45

Interface: USB, PC Keyboard Wedge

### Symbologies

Codabar, Code 93, Code 39, Full ASCII Code39, Code 128, EAN 128, Interleaved 2 of 5, Matrix 2 of 5, Standard 2 of 5 (Industrial 2/5 & IATA), Code 11, UPC-A, UPC-E, EAN-8, EAN-13, GS1 DataBar Omni-Directional, GS1 DataBar Limited, GS1 DataBar Expanded

### Environmental

Sealing: IP30 minimum

Operating temperature: 0°C to +40°C (+32°F to +104°F)

Storage temperature: -40°C to +60°C (-40°F to +140°F)

Humidity: Functional at 4 days, 95% Rh @ 45°C (113°F),

Storage at 60°C (140°F)

Shock: 2000 Grams, 0.7 ms, half sinus, 3 axes

Drop: 26 drops onto concrete from 1m (39.37") height

Vibrations: random vibration 8Grms, from 10Hz to 500Hz, 2 hour/axis, 3 axes (SAE J1399 Class 3)

Ambient Light: Works in office lighting conditions up to 50,000 lux

MTBF: Minimum of 200K hours (MIL-STD-217F)

### Reading Characteristics

Minimum resolution: 0.125mm/5mil on code 39

Light source: Red LED, 630 nm (aiming line)

Technology/Scan Rate: Bi-directional linear imager/ 130 scans per second

Optical characteristics: Pitch Angle +40°, Skew Angle ±20°, Tilt Angle ±10°

### Regulatory Approvals

- FCC Part 15 Class B (United States)
  - Industry Canada ICES-003 Class B (Canada)
  - EMC: EN 55022: 2006/ A1: 2007, CISPR Publication 22: 2005/ A1:2005/ A2:2006, Class B Limits and Methods.
  - EN 55024: 1998/ A1:2001/ A2: 2003 (CISPR 24) ITE - Immunity Characteristics - Limits and Methods of Measurement
  - Electrostatic Discharge: +/- 4kV in contact; +/- 8kV in air, level B (Excludes environments with synthetic materials or where relative humidity is less than 50%)
- Safety: UL, EN 60950 (2nd edition), 60825-1, CE Marked  
Materials: RoHs, China RoHs, REACH, WEEE

### Depth of Field Reading Distances

5 mil Code 39	0 ~ 4 cm (0 ~ 1.6")
10 mil Code 39	0 ~ 9 cm (0 ~ 3.5")
13 mil UPC/ EAN	0 ~ 10 cm (0 ~ 3.9")
15 mil Code 39	0 ~ 11 cm (0 ~ 4.3")
20 mil Code 39	1 ~ 12 cm (0.03 ~ 4.7")

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