

SD61

Wireless Base Station



- **Easy set up – No need to install new software into your PC or host systems**
- **Lower acquisition costs – 1 base can connect up to 7 scanners**
- **Reliable wireless communication through Intermec advanced communication protocol**
- **Increased productivity and maneuverability by working up to 100m (328 ft) away from the base (open air)**
- **Investment protection with a wide choice of host connections**
- **Industrial grade – Intermec's rugged construction is ideal for warehouse & industrial applications**
- **Experience the flexibility to communicate with the Bluetooth® SR61B and SF51 Intermec Scanners**

The SD61 wireless base station provides a secure connection (ISCP protocol) between multiple Intermec industrial scanners, including the SF51 and SR61B, and the host device without the need to load any new software to the host system, saving time and resources.

The SD61 multiport base station allows up to seven Intermec Bluetooth® scanners to operate in the same work area, connected wirelessly to the same mobile cart solution, PC or Intermec printer. By dramatically reducing the number of hosts, the SD61 delivers a quick ROI and a less cluttered work environment.

Wireless scanners can be connected and disconnected by simply reading the association barcode on top of the SD61, empowering line managers and individual users to associate scanners to the system without having to gain access to the host computer, reducing calls to systems administrators and limiting non-essential access to the system. Communication between the SD61 and associated scanners is bi-directional so it is fully secured, giving you the assurance that your data transfer is validated.

With support from a Bluetooth™ Class 1 radio, the SD61 allows any associated user to work within a radius of up to 100m (328ft) from the base in open air. In case

the user goes out of range from the base station, they will be informed by both visual (Intermec Ready-to-Work light) and audio messages provided by the SF51 or SR61 scanners, and will be automatically re-connected when they re-enter range.

To make its set up as easy as possible, the SD61 supports a wide range of host interfaces (wedge, RS 232, Wand emulation, USB), eliminating the need for adaptors or less durable dongles that may be better suited for non-industrial settings.

Each wireless scanner associated with the multiport SD61 will run independently with specific configurations, delivering maximum flexibility and reliability. The first-time configuration of the SD61 is made simple by reading configuration barcodes that accompany the base station or on-line through Intermec's EasySet configuration software, which provides extensive data editing tools.

Designed to withstand 26 drops to concrete, the SD61 is ideal for harsh environments including warehouse and industrial production sites, and is the ideal replacement for the Intermec MicroBar 9745.

Physical Description

SD61 Wireless Base Station

Physical Characteristics

Height: 3.6cm/1.4"

Width: 10.2cm/4"

Depth: 11.5cm/4.5"

Weight: 150g/5.2oz

Host Connectivity

Cable connection available in: USB, Wedge (PS2), Wand emulation, RS 232

Power

SD61 is powered via a host or universal 5 volt power supply; depending on the cable choice. 75mA at 5V +/- 10%

Radio Specifications

Communication: Bluetooth Class, bi-directional

Working radius area: up to 100m/328' (outdoor)

Association: connect to any Intermec

Bluetooth® scanner

Connectivity: Up to 7 scanners simultaneously

Protocol: ISCP

Temperature Specifications

Operating temperature: -20°C/-4°F to 60°C/140°F

Storage temperature: -40°C/-40°F to 70°C/158°F

Environmental Specifications

Relative humidity: 95% at 45°/113°F (non-condensing)

Drop Shocks: 26 drops from 1.2m/3.9ft to concrete

Vibrations: 8G, from 10Hz to 500Hz, 2hr/axis, 3 axis

Sealing: IP53

MTBF: 100,000hrs

Testing and Standards

FCC Class A, EMC Class A & B, EN 60950,

EN 300 328 radio, cUL, VDE, RoHs

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