

# Socket® with Bluetooth® Wireless Technology

## Cordless Ring Scanner Series 9

Cordless

### Boost Productivity with Hands-Free Bar Code Scanning



Do you need the most efficient bar code scanner for high volume package tracking, order picking, voice picking or inventory control? The Cordless Ring Scanner (CRS) Series 9 is a high-performance wearable solution that optimizes data collection in your supply chain applications.

- **Hands-Free** — Keep both hands free to handle packages or operate machinery while scanning bar codes. Save time by eliminating the need to stop and pick up or put down your bar code scanner in between every package you scan
- **Ergonomic** — Reduce physical strain and chance of injury by scanning with natural hand motions. It's as easy as pointing your finger!
- **Liquidmetal®** — The exclusive Liquidmetal housing is extremely light and twice as strong as titanium to offer comfort and durability

#### Which version is right for you?

<b>CRS 9M</b> <i>Mid-Range</i>	Class 1 laser can scan large volumes at high speeds, over long distances (35+ inches), and in difficult lighting conditions, even through glass. Class 2 Bluetooth radio has a maximum range of 30 ft
<b>CRS 9P</b> <i>Performance</i>	Class 2 laser offers maximum performance, including long distance scanning (45+ inches), and scanning in extreme conditions, such as outdoors in bright sunlight. Class 1 Bluetooth radio provides a maximum range of 330 ft



#### Cordless Ring Scanner Features

- Worn on index finger, can be triggered by either the thumb or middle finger
- Fits fingers of all sizes and can be worn on left or right hand
- Uses the natural motion of pointing a finger to scan a bar code
- State-of-the-art Class 1 or Class 2 laser technology enables you to scan damaged, poor quality or hard-to-read bar codes
- ActivePairing™ enables the CRS to connect to or disconnect from the host computer by scanning a special bar code
- Exclusive Liquidmetal® rugged case withstands multiple 4-foot drops
- Socket Error Proof Protocol (patent pending) prevents errors in wireless transmission of data to host computer

#### Wireless Bluetooth Module Features

- Class 1 or Class 2 Bluetooth radio
- Compatible devices if Bluetooth enabled:
  - Pocket PC or other device running: Windows Mobile 2003, 2003SE, 5.0
  - Windows CE 3.0 or greater
  - Windows XP Tablet or Notebook PC
- Socket Connect!Agent software automates the Bluetooth connection
- Uses Bluetooth Serial Port profile
- Powered by a rechargeable lithium-ion battery
- Expected battery life (typical operating conditions): Over 11,000 scans (approx. 10 hours)
- Battery status warning light
- Connection indicator light

#### SocketScan Features

- SocketScan keyboard emulation software directs scanned data into any Windows program— no programming required
- Automatically add Prefix and/or Suffixes, such as Carriage Return and Tab functions, to further eliminate manual keystrokes
- Easily enable/disable any of 19 supported bar code symbologies
- Scan Demo for Windows Mobile reports the symbology, length and decoded data of bar codes (for supported symbologies)

# Socket Cordless Ring Scanner *Series 9*

with *Bluetooth*® Wireless Technology



Shown without included module case.

## In the Box:

- Cordless Ring Scanner with *Bluetooth* Wireless Technology
- Adjustable wrist and finger straps
- Rechargeable lithium-ion battery
- Battery charger
- Quick Start Guide
- CD with software and user documentation



## SPECIFICATIONS

	CRS 9M <i>Mid-Range</i>	CRS 9P <i>Performance</i>
SKU #	RS5511-730	RS5501-691
Scanner Type	Class 1 laser	Class 2 laser
Decode Distance*	3.2 to 61+ cm (1.00 to 35+ inches)	2.5 to 114+ cm (1.00 to 45+ inches)
Symbologies Decoded	UPC/EAN, Code 39, Code 128, Code 93, Code 11, MSI, Codabar, I 2 of 5, D 2 of 5, RSS-14, RSS-Limited, RSS-Stacked, Chinese 2 of 5	
Power Source	Rechargeable lithium-ion battery 3.7V	
Expected Battery Life	Typical usage conditions with <i>Bluetooth</i> connection: 11,000+ scans (approx. 10 hours)	
Exclusive Ruggedized Liquidmetal Case Design	Withstands multiple 4-ft drops to concrete Scratch resistant	
Operating Temperature	-4 to 140°F (-20 to 60°C)	
Operating System Support	Windows Mobile 2003/2003SE/5.0 Windows CE 3.0 or greater Windows XP/XP Tablet Edition	
Interface Standard	<i>Bluetooth</i> Serial Port Profile	
<i>Bluetooth</i> Protocol	<i>Bluetooth</i> 1.1	
Antenna Type	Integrated	
Radio Range (Max.)**	Class 2 <i>Bluetooth</i> : 30 ft (10 m)	Class 1 <i>Bluetooth</i> : 330 ft (100 m)
Included Software	SocketScan for Windows Mobile/CE, Windows XP Connect!Agent for Windows Mobile/CE and Windows XP	
Supported <i>Bluetooth</i> Stacks***	Socket Drakar 1.4 (Socket CF/SD card) IVT BlueSoleil 1.6.1.4 (Socket CF/USB) Broadcom (Widcomm) 1.4 Microsoft <i>Bluetooth</i> stack for Windows Mobile Microsoft Windows XP SP2 Toshiba <i>Bluetooth</i> stack 3.03.06 and later for Windows XP	
Certification/Compliance	FCC: Part 15, Class B 21CFR1040.10, 21CFR1040.11**** CE: EN55024:2003 EN60825-1:1994+A1:2002 +A2:2001 IEC60825-1:1993+A1:1997+A2:2001 RoHS TELEC	
Warranty	Cordless Ring Scanner: One year Cable and wrist/finger straps: 90 days	

\*Depends on symbol size, symbology, label media, W-N Ratio, scan angle

\*\*Depends on environment

\*\*\*SocketScan supports a generic *Bluetooth* COM port and may be able to connect to *Bluetooth* stacks other than those listed above which have not been tested by Socket. For Windows XP, the optional Connect!Agent software works only with the Socket (IVT) and Microsoft *Bluetooth* stacks.

\*\*\*\*Except for deviations pursuant to Laser Notice No. 50, dated July 26, 2001

Information is subject to change.

**socket**®  
Increasing Mobile  
Productivity

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**Microsoft**  
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**LIQUIDMETAL**®

**Bluetooth**®

Designed for  
**Windows Mobile**™

Microsoft  
**Windows XP**

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