

## Boost Productivity with Hands-Free Bar Code Scanning



The Cordless Ring Scanner (CRS) Series 9 is a high-performance, wearable bar code scanner that optimizes data collection in high volume package tracking, order picking, inventory control, and other 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 and put down your scanner in between every package you scan
- **Ergonomic** – Scanning for several hours with a large, bulky device can cause hand and wrist injury. The CRS Series 9 minimizes physical strain and the chance of injury through its small, lightweight, ergonomic design. Scanning uses 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, giving the CRS supreme comfort and durability

### WHICH VERSION IS RIGHT FOR YOU?

<b>CRS 9M</b> <i>Mid-Range</i>	Class 1 laser for scanning large volumes at high speeds, over long distances (35+ inches), and even in very dim or bright light, on reflective or curved surfaces or through glass. Can also scan damage/poor quality bar codes. Supports linear and stacked linear bar codes. Class 2 <i>Bluetooth</i> radio has a maximum range of 30 ft
<b>CRS 9P</b> <i>Performance</i>	Class 2 laser for maximum performance, including long distance scanning (45+ inches), and scanning in extreme conditions, such as outdoors in bright sunlight. Supports linear and stacked linear bar codes. Class 1 <i>Bluetooth</i> radio has a maximum range of 330 feet

### HARDWARE FEATURES

- Worn on the index finger, the CRS can be triggered by the thumb or middle finger
- Fits fingers of all sizes and can be worn on the left or right hand
- Scan bar codes with the natural motion of pointing your finger. This eliminates unnatural twisting of the wrist that can cause injury
- State-of-the-art Class 1 or Class 2 laser scanner can even read damaged or poor quality bar codes. The CRS is as powerful as large gun-type scanners minus the bulk and weight
- Socket ActivePairing™ technology lets you connect/disconnect from the CRS from a host PC by simply scanning a special bar code, so even a non-technical user can easily roam to different host PCs while using one CRS
- Exclusive Liquidmetal rugged case withstands multiple 4-ft drops
- Socket Error Proof Protocol™ uses real-time data validation to prevent errors in the wireless transfer of data to the host computer
- 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 XP notebook/tablet/desktop PC
- Socket Connect!Agent™ software automates the *Bluetooth* connection, providing the best user experience
- Uses *Bluetooth* Serial Port Profile
- Powered by rechargeable lithium-ion battery
- Expected battery life in typical operating conditions: 11,000+ scans (approx. 10 hours)
- LEDs on scanner and wrist module indicate battery, *Bluetooth*, and good read status
- One year standard warranty; SocketCare enhanced service program is also available

### SOFTWARE FEATURES

- SocketScan™ software enters scanned data into any Windows program as virtual keystrokes — no custom programming needed
- Automatically add prefix and suffix functions, such as carriage return and tab, to further eliminate manual keystrokes
- Assign a beep tone or audio file to indicate a successful scan
- Easily enable/disable bar code symbologies with SocketScan Symbology Selector utility
- View the properties of any bar code for any of your scanner's supported symbologies
- Works with Windows-based development tools. SDK available for application developers
- Floating Trigger for Windows Mobile lets you tap an on-screen icon to trigger the scanner

# Cordless Ring Scanner

Series 9



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SPECIFICATIONS		
	CRS 9M Mid-Range	CRS 9P Performance
SKU #	RS5511-730	RS5501-691
Scanner Type	Class 1 laser	Class 2 laser
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	
Decode Distance*	1.00 to 35+ inches (2.5 to 90+ cm)	1.00 to 45+ inches (2.5 to 114+ cm)
Exclusive Ruggedized Liquidmetal Case	Withstands multiple 4-ft drops to concrete Scratch-resistant	
Power Source	Rechargeable lithium-ion battery 3.7V (Battery charger included)	
Expected Battery Life	Typical usage conditions with <i>Bluetooth</i> connection: 11,000+ scans (approximately 10 hours)	
Operating Temperature	-4 to +140°F (-20 to +60°C)	
Operating System Support	Windows Mobile 2003/2003SE/5.0 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	
Maximum Radio Range <i>Depends on environment</i>	Class 2 <i>Bluetooth</i> - Up to 30 ft (10 m)	Class 1 <i>Bluetooth</i> - Up to 330 ft (100 m)
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, Windows XP SP2, Toshiba <i>Bluetooth</i> stack 3.03.06 or greater for Windows XP	
Included Software	SocketScan, Connect!Agent	
Certification/ Compliance	FCC: Part 15, Class B CE: EN55024:2003 RoHS 21CFR1040.10 21CFR1040.11*** EN60825-1:1994+A1:2002 +A2:2001 IEC60825-1:1993+A1:1997+A2:2001 TELEC	
Warranty	One year for ring scanner and wrist module 90 days for straps and cable SocketCare enhanced service program is also available for purchase	

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

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

\*\*\*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 IVT and Microsoft *Bluetooth* stacks.



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