

# Socket Cordless Hand Scanner

with *Bluetooth*® Wireless Technology

## Scan Bar Code Data Wirelessly to Your *Bluetooth* Enabled Pocket PC, Notebook, Pen Tablet, or Palm PDA



If you need to collect bar coded data but don't want to be tied to your mobile or desktop computer, Socket's Cordless Hand Scanner (CHS) with *Bluetooth* wireless technology is just what you're looking for. This innovative device combines the power of laser bar code scanning with the convenience of *Bluetooth* wireless technology in a single compact, lightweight device that is ergonomically designed to fit comfortably in the palm of your hand.

The CHS features fuzzy logic technology. Available in both Class 1 and Class 2 laser versions of the CHS, fuzzy logic makes it possible to scan even damaged, poor quality or hard-to-read bar codes. For maximum performance, the robust Class 2 laser equipped with fuzzy logic can successfully scan in the harshest conditions, even VIN bar codes through car windshields in broad daylight!

*Bluetooth* wireless technology transforms how devices connect with each other, offering you new possibilities for using your mobile computer with other devices without the hassle of cables or the awkwardness of a protruding antenna. Socket's CHS features a powerful Class 1 *Bluetooth* radio, so you can stay connected to your laptop or desktop at the maximum possible range — even when connected to the weaker Class 2 *Bluetooth* radios found in many mobile devices.

### Mobility Friendly™ Design

The Cordless Hand Scanner uses minimal power, so you can operate for hours without having to recharge batteries. The included SocketScan™ software directs scanned data into any Windows or Palm application as if it were manually typed. Plus, Socket's renowned *Bluetooth* technology makes it easy to establish and maintain a reliable connection between the CHS and host computer.



**socket**  
The Mobile Connection

Cordless

### General Features

- Compatible with the following mobile computers if *Bluetooth* enabled:
  - Pocket PC 2002/2003
  - Pen tablet or notebook running Windows XP or Tablet XP
  - Palm PDA (Palm OS 5.2 or later)
- Powered by two rechargeable AAA NiMH batteries. 110-250V AC charge module included. Optional vehicle charger available
- 8-10 hour battery life under normal operating conditions (>6,000 scans)
- Battery status warning light
- Standard alkaline batteries can be used if needed
- Stylus tip built into the device handle lets the scanner double as a stylus for PDA touch screens
- Attachment point for neck cord or wrist strap

### Scanning Features

- Standard version features a Class 1 laser with fuzzy logic for normal scanning applications
- Optional Class 2 laser with fuzzy logic for more demanding scanning requirements
- SocketScan™ keyboard emulation software directs scanned data into any Windows, Palm application
- SocketScan allows the user to add Prefix and/or Suffix functions, such as Carriage Return and Tab, to further eliminate manual keystrokes
- Any of 19 bar code symbologies can be easily enabled or disabled with SocketScan's "Symbology Selector"
- SocketScan "Scan Demo" for Pocket PCs reports the symbology, length and decoded data of any scanned bar code

### Bluetooth Features

- Class 1 radio with *Bluetooth* wireless technology has a maximum range of 300 ft (100 m)
- Uses *Bluetooth* Serial Port profile
- Connection indicator light

# Socket Cordless Hand Scanner

with Bluetooth® Wireless Technology



**Cordless Hand Scanner with Bluetooth Wireless Technology**

**Class 1 laser: SKU# CX2800-489**

**Class 2 laser: SKU# CX2802-491**

**Socket SDIO or CF Connection Kit with Bluetooth Wireless Technology (Optional)**



If your mobile computer is not yet *Bluetooth* enabled, use Socket's Connection Kit to assure compatibility with the Cordless Hand Scanner. The kit features the following software:

**Bluetooth Software (Windows Mobile):**

- Device Setup Wizard
- Get Connected! Wizard
- *Bluetooth* Devices manager
- Advanced Mode for expert users

**Bluetooth Software (Windows Notebooks):**

- Drivers for Windows 2000/XP/Tablet PC
- Software to run and manage connections with diverse *Bluetooth* enabled devices

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## SPECIFICATIONS

**Physical Characteristics**

Size: 125l x 31h x 35w (mm)  
4.9l x 1.2h x 1.4w (in.)  
Total Mass: approx. 90 g (0.2 lb)

**Power Source:** Two AAA NiMH rechargeable batteries

**Expected Battery Life with Normal Operation** (connected via Bluetooth & at least 6,000 bar code scans): 8-10 hours

**Operating Temp:** 32 to 120°F (0 to 50°C)

**Operating System Support**

- Windows Mobile, XP, Tablet XP
- Palm OS v5.2 and later

**Interface Standards:**

Bluetooth Serial Port Profile

**Warranty:** Two years

**Scanning Characteristics**

**Bar Code Symbologies Decoded:** Code 39, UPC/EAN, MSI, Code 128, RSS-14, Code 93, Codabar, I 2 of 5, D 2 of 5

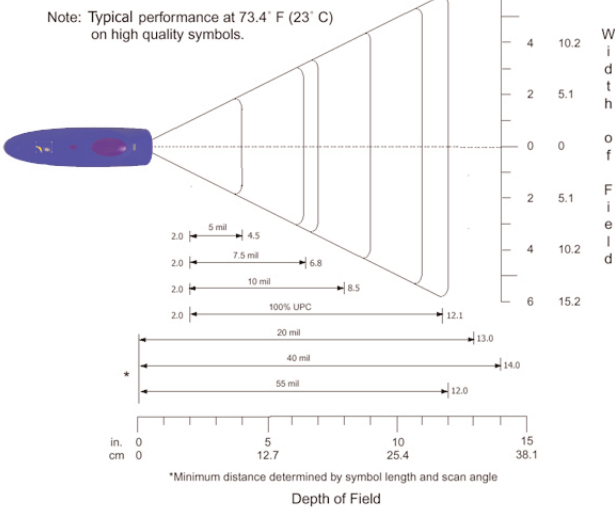
**Laser Scanner Performance:**

**Scan Repetition Rate:** 50 (± 3) scans/sec (bidirectional)

**Laser with Fuzzy Logic:** Class 1 (Optional Class 2)

**Decode Distances:** 2.2 to 30+ inches depends on symbol size, symbology, label media, W-N Ratio, scan angle

**Cordless Hand Scanner, Class 1 Laser**



Class 1 650 nm laser product - 0.5 mW Max. Output. Class 2 650 nm laser product - 1.2 mW Max. Output

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**SocketScan™ Software:**

- Reads bar code data into any Windows application as if it were manually typed
- Lets you add Prefixes and/or Suffixes (e.g., Carriage Return or Tab) to further eliminate manual keystrokes
- Lets you assign a beep tone or .WAV file to signal a good scan
- Lets you easily enable/disable any of 19 supported symbologies
- Scan Demo (Pocket PC only) reports the symbology, length and decoded data (in ASCII or Hex) of any scanned bar code (among 19 supported symbologies)

**Bluetooth Characteristics**

**Protocol:** Bluetooth 2.45 GHz ISM band frequency hopping

**Antenna:** Integrated

**Radio Range:** Up to 330 ft (100 m), depending on environment

**Connection:** Point-to-point

**Security:** Encrypted link

**RF Power:** Class 1 radio; Typ. Output: 14 dbm

**Certification/Compliance**

FCC: Part 15, Class B

CE: EN55024:1998

C-TICK: s.182

Bluetooth 1.1

TELEC

ETS 300 328 ETS 300 826

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