Bluetooth® Cordless Hand Scanner (CHS)
Series 7

so͜cket®

Scanning Made Simple

The CHS Series 7 enables businesses to automate the collection of data anywhere in the field — *wirelessly!*

- ✓ Small & light
- ✓ Ergonomic
- ✓ Comfortable to hold
- ✓ Designed for mobility

Hospitality

Healthcare

Automotive

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The CHS Series 7 wirelessly sends scanned data to a broad range of computers, smartphones and PDAs.

Windows PC, Mac OS

Windows Mobile PDA

Apple iPad, iPhone, iPod touch

BlackBerry, Android, Nokia, Palm

Devices must be Bluetooth enabled. Not all models supported. Compatible with select models with Android application.

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Choose the right model for your work environment and application needs.

7E — Our affordable, entry-level model

7M — Our longer-range, high-performance model

7P — Our high-performance, extra durable model

7NRx — Our affordable, antimicrobial model
FOR HEALTHCARE

■ 1D only

▇ 2D & 1D

7X — Our high-performance model with 2D support

7XRx — Our antimicrobial, high-performance model with 2D support
FOR HEALTHCARE

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Key Factors to Consider

✓ Type of barcode — 1D vs. 2D, symbology, size

✓ Scanning distance — Short-range vs. Long-range

✓ Type of lighting conditions (indoor vs. outdoor)

✓ Need for a extra durable and/or antimicrobial exterior

✓ Need for tactile feedback (vibrate mode) to confirm data read

1D : Parallel Lines   2D: Checkerboard / Grid

1D Barcode Scanners

7E

Our affordable, entry-level model

Class 1 Laser

Choose this model for:

- ✓ Lowest price
- ✓ Light-duty scanning (<100 scans / day)
- ✓ 1D barcodes (including ISBN for books)
- ✓ Scanning distance up to 10.5" (27 cm)
- ✓ Indoor use

SKU# CX2858-1294

Optional cradle available separately.

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7M

Our longer-range, high-performance model

Choose this model for:

- ✓ Scanning distance up to 45" (1.1 m)

- ✓ Indoor use

- ✓ 1D barcodes (including VIN for vehicles and ISBN for books)

- ✓ High performance

- ✓ Barcodes on shiny surfaces, such as reflective labels or shrink wrap

Class 2 Laser

SKU# CX2860-1296

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Optional cradle available separately.

7P

Our high-performance, extra durable model

Choose this model for:

- ✓ High performance
- ✓ Extra durable exterior casing
- ✓ Indoor / Outdoor use
- ✓ 1D barcodes (including VIN for vehicles and ISBN for books)
- ✓ Scanning distance up to 45" (1.1 m)
- ✓ Tactile feedback (vibrate mode)
- ✓ Barcodes on shiny surfaces, such as reflective labels or shrink wrap

Class 2 Laser

SKU# CX2862-1298

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Optional cradle available separately.

7NRx

Our affordable, antimicrobial model
FOR HEALTHCARE

Choose this model for:

✓ Lowest price scanner for healthcare

✓ Antimicrobial, extra durable exterior

✓ Class 1 laser safe to use in patient care

✓ Scans 1D barcodes on medications, equipment, and patient ID bracelets

✓ Scanning distance up to 10.5" (27 cm)

✓ Tactile feedback (vibrate mode)

Class 1
Laser

SKU# CX2852-1245

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Optional cradle available separately.

2D Barcode Scanners

(They Support 1D Barcodes Too)

7X

Our high-performance model with 2D support

High-Density, Omni-Directional Imager

Choose this model for:

- ✓ 2D and 1D barcodes
- ✓ High performance
- ✓ Indoor / Outdoor use
- ✓ Tactile feedback (vibrate mode)
- ✓ Extra durable exterior casing
- ✓ Scans barcodes in any direction

SKU# CX2854-1276

socketmobile.com

Optional cradle available separately.

7XRx

Our antimicrobial, high-performance model with 2D support FOR HEALTHCARE

High-Density, Omni-Directional Imager

Choose this model for:

✓ 2D and 1D barcodes

✓ High performance

✓ Indoor / Outdoor use

✓ Tactile feedback (vibrate mode)

✓ Antimicrobial, extra durable exterior

✓ Scans barcodes in any direction

SKU# CX2856-1278

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Optional cradle available separately.

Comparison Chart - Scanner Features

Model	7E	7M	7P	7NRx	7X	7XRx
SKU	CX2858-1294	CX2860-1296	CX2862-1298	CX2852-1245	CX2854-1276	CX2856-1278
Reads 1D Barcodes	✓	✓	✓	✓	✓	✓
Reads 2D Barcodes					✓	✓
Scanner Type	Class 1 Laser	Class 2 Laser	Class 2 Laser	Class 1 Laser	HighDensity, Omni Directional CMOS imager	HighDensity, Omni Directional CMOS imager
Long-Range Scanning up to 45" (1.1m)		✓	✓			
Recommended for Outdoors			✓		✓	✓
Tactile Feedback (Vibrate)			✓	✓	✓	✓
Extra Durable Exterior Casing			✓	✓	✓	✓
Antimicrobial Exterior Casing for Healthcare				✓		✓
Battery Life Per Charge	10 h	19 h	19 h	19 h	10 h	10 h

OS / Device and *Bluetooth* Compatibility

OS	Common Examples	Type of *Bluetooth* Connection Supported
Windows PC	- Dell notebook / tablet / desktop - Fujitsu notebook / tablet / desktop - HP notebook / tablet / desktop - Motion Computing tablet - Panasonic Toughbook	HID + SPP
Windows Mobile*	- Socket SoMo 650 - HP iPAQ 210 - Motorola MC70	
Symbian	- Nokia E71	
Apple iOS	- iPad - iPhone (except 3G) - iPod touch	HID only
Mac OS X	- iMac - MacBook	
Android	- Dell Streak - HTC Droid Eris, EVO 4G, Hero, Magic - Motorola Droid - Samsung Vibrant Galaxy S - T-Mobile G2, GARMINfone, myTouch 3G	SPP only
BlackBerry OS	- Bold 90xx, 96xx, 97xx - Curve 82xx, 83xx, 85xx - Pearl 81xx - Storm 95xx - Tour 96xx	
Windows CE.NET	- Intermec CK3	
Palm OS	- Pre - Treo *Palm not supported on 2D versions (7X and 7XRx)*	

*Only the SoMo 650 and other Windows Mobile devices with Microsoft Bluetooth stack are compatible with SocketScan 10. Other devices compatible with SocketScan 7.

What are HID and SPP?

- HID and SPP are two different kinds of Bluetooth connections, known as Bluetooth profiles.

- HID stands for Human Interface Device. The most common HID devices are keyboards and mice.

- SPP stands for Serial Port Profile. SPP is used in diverse devices, (e.g., PC, GPS receiver, industrial equipment).

- HID and SPP work differently, and each has advantages and disadvantages.

- The CHS v3 supports both HID and SPP, so you can choose the best method for your business application.
  (Note: The 7X and 7XRx also come in HID only versions.)

CHS with Bluetooth HID

PRO	CON
✓ No software installation	✗ Data entry only - no parsing / data checking in custom applications
✓ Works with Apple, Windows, Nokia	✗ Not compatible with SocketScan or Connect!Agent software
✓ Configure CHS by scanning special barcodes	✗ Limited configuration options and character set
✓ Consistent reconnection method for every device type	✗ Many platforms allow only one connection (e.g., Apple)

CHS with Bluetooth SPP

PRO	CON
✓ Works with Android, Windows, Nokia, BlackBerry, Palm (no Palm for 7X, 7XRx)	✗ Software installation required
✓ Works with SocketScan and Connect!Agent software	✗ Not supported on Apple
✓ Works with ActivePairing for roaming between computers / devices	✗ Different device types have different reconnection methods
✓ Enables parsing / data checking in custom applications (SocketScan SDK)	
✓ Configure CHS with SocketScan utility	
✓ Better control of scanner with many configuration options	
✓ Broad character set, including binary, foreign characters	

Devices must be Bluetooth enabled. Not all models supported. Compatible with select models with Android application.

Need Help Choosing the Right Scanner?

Ready to Purchase?

Contact Socket Sales!

insidesales@socketmobile.com

www.socketmobile.com/contact/form/en/

USA/Canada		Asia Pacific	+1-510-933-3122
Toll-Free	1-800-552-3300	EMEA	+33 682 719 381
Eastern Region (East of Mississippi R.)	+1-510-933-3154	Latin America	+1-510-933-3127
Western Region (West of Mississippi R.)	+1-510-933-3042		

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