

### Small, Lightweight and Easy to Connect

Increase productivity and reduce data errors in mobile business applications with the Socket *Bluetooth* Cordless Hand Scanner (CHS), a wireless barcode reader for smartphones and tablets that's small, portable and provides fast, industrial-class scanning performance.



Photo: Quiktrak Revoquest



- **Designed for Mobility** — Small, light, and portable with 19-hour battery life
- **Comfortable** — Ergonomic for comfortable use over extended periods
- **Easy to Connect** — Simply scan a barcode on the screen to quickly pair devices<sup>1</sup>

|                                                                                                      |                                                                                                         |                                                                                                                                                                                                                                                                                                                                                                                                 |
|------------------------------------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
|  <p><b>7Ci</b></p> |                                                                                                         | <p><b>General Purpose Scanner - CHS 7Ci</b><br/>#1 Choice for Tablet-Based Retail Point of Sale</p> <p>Smallest, lightest and most affordable CHS model, available in bright colors to enhance corporate branding in retail or customer service, enable personalization, and make scanner easy to find</p>                                                                                      |
|  <p><b>7Di</b></p> |  <p><b>7DiRx</b></p> | <p><b>Durable Scanners - CHS 7Di and 7DiRx</b><br/>For More Rugged Environments</p> <p>Ideal for field sales and field service, the CHS 7Di is durable to withstand multiple drops to concrete, with a protective rubber bumper and rubber sealings. The CHS 7DiRx is a white antimicrobial version for healthcare.</p>                                                                         |
|  <p><b>7Mi</b></p> |  <p><b>7Pi</b></p>   | <p><b>Laser Scanners - CHS 7Mi and 7Pi</b><br/>For Special Lighting Conditions or Barcode Requirements</p> <p>Featuring a Class 2 laser, the CHS 7Mi and 7Pi work well in bright sunlight, in low light, as well as with barcodes that are small, tightly spaced, on shiny surfaces or behind plastic / glass. The CHS 7Pi is a durable version that withstands multiple drops to concrete.</p> |

#### HARDWARE FEATURES

- Easily connect to *Bluetooth* enabled smartphones, tablets, PDAs, notebooks and desktop computers:
  - Apple iOS and Mac OS
  - Android OS
  - Windows 8, RT, 7, Vista, XP
  - Windows Embedded Handheld (Windows Mobile)
  - BlackBerry OS, QNX, Linux
- Enjoy wireless freedom with a long-range *Bluetooth* connection up to 330 ft (100 m)
- Battery Friendly\* technology enables extensive 19-hour battery life on a single charge
- Scanner automatically connects to the last device or computer it paired and connected to
- Wear around neck or attach to belt with included lanyard / belt clip for convenient access to scanner
- LED and beeps indicate good scan, connection, and power status
- Vibrate mode indicates good scans, ideal for noisy environments where beeps are hard to hear or applications where beeps must be disabled
- Supports both *Bluetooth* HID and SPP connections for easy setup with no software installation or advanced scanner control and SDK support<sup>2</sup>

#### SPECIAL FEATURES FOR APPLE IOS

- Certified by Apple for iPad, iPad mini, iPhone, and iPod touch
- Quickly access Apple iOS on-screen keyboard by pressing a scanner button
- Authentication chip enables two-way communications with Apple devices running a compatible app developed with SocketScan 10 SDK. View apps at: <http://www.socketmobile.com/appstore>
- App to modify beep, LED, vibrate, and other settings

#### SOFTWARE - ANDROID, WINDOWS, BLACKBERRY

- SocketScan™ 10 keyboard wedge enters scanned data into any app, no custom programming needed
- Socket EZ Pair automates *Bluetooth* setup — just scan the barcode on the screen to connect<sup>1</sup>
- Suffix support — automatically add a carriage return or tab after each scan of data
- Data editing — reformat, extract or manipulate data
- Scanner configuration — modify beep, LED, vibrate, and symbology settings. View scanner's battery level

#### SOFTWARE DEVELOPMENT KIT (SDK)

- SocketScan 10 SDK available to members of Socket Mobile Developer Program (\$19.95/year) <http://developer.socketmobile.com>

<sup>1</sup>On-screen barcode not compatible with laser scanners. Requires installation of SocketScan 10 software for Android/BlackBerry/Windows or iOS app developed with SDK.

<sup>2</sup>Some smartphones/devices do not support both HID and SPP

| CHS Model                                                                  | 7Ci                                                                                                                                                                                                     | 7Di                                          | 7DiRx                                                            | 7Mi                                                                                                                                                                                                           | 7Pi                                             |
|----------------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|----------------------------------------------|------------------------------------------------------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|-------------------------------------------------|
| Scanner SKU #                                                              | Gray: CX2870-1409<br>Yellow: CX2883-1480<br>Red: CX2885-1484<br>Blue: CX2887-1486                                                                                                                       | CX2877-1472                                  | CX2879-1474                                                      | CX2872-1411                                                                                                                                                                                                   | CX2874-1413                                     |
| Dimensions                                                                 | 5.07 x 1.57 x 1.36 in.<br>(129 x 40.1 x 34.6 mm)                                                                                                                                                        | 5.2 x 1.77 x 1.49 in. (132 x 45.1 x 37.9 mm) |                                                                  | 5.07 x 1.57 x 1.36 in.<br>(129 x 40.1 x 34.6 mm )                                                                                                                                                             | 5.2 x 1.77 x 1.49 in.<br>(132 x 45.1 x 37.9 mm) |
| Total Mass                                                                 | 1.6 oz (45 g)                                                                                                                                                                                           | approx. 2.4 oz (68 g)                        |                                                                  | 1.8 oz (51 g)                                                                                                                                                                                                 | approx. 2.4 oz (68 g)                           |
| Durable with Protective Rubber Bumper and Rubber Sealings                  |                                                                                                                                                                                                         | ✓                                            | ✓                                                                |                                                                                                                                                                                                               | ✓                                               |
| Drop Specification                                                         | Multiple 3.3 ft (1 m) drops to vinyl covered concrete                                                                                                                                                   | Multiple 6.6 ft (2 m) drops to concrete      |                                                                  | Multiple 3.3 ft (1 m) drops to vinyl covered concrete                                                                                                                                                         | Multiple 6.6 ft (2 m) drops to concrete         |
| Antimicrobial Rating (JIS Z2801:2000 Test)<br>Biosafe HM4100, EPA# 83019-1 | N/A                                                                                                                                                                                                     | N/A                                          | 2.49 on MRSA<br>6.07 if cleaned with Sani-Cloth Plus cloth wipes | N/A                                                                                                                                                                                                           | N/A                                             |
| Temperature, <sup>1</sup> Relative Humidity                                | Operating Temperature: +32 to +122°F (0 to +50°C) Storage Temperature: -22 to +158°F (-30 to +70°C) Relative Humidity: 5% to 95% non-condensing                                                         |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Ambient Light                                                              | Sunlight: 0 - 110,000 lux                                                                                                                                                                               |                                              |                                                                  | Sunlight: 100,000 lux Artificial light: 4,844 lux                                                                                                                                                             |                                                 |
| Battery Type                                                               | Two AAA NiMH rechargeable batteries                                                                                                                                                                     |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Battery Life                                                               | 19 hours or 11,000 scans <sup>2</sup>                                                                                                                                                                   |                                              |                                                                  | 19 hours or 15,000 scans <sup>2</sup>                                                                                                                                                                         |                                                 |
| Barcode Scanner Performance                                                |                                                                                                                                                                                                         |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Scanner Type                                                               | Imager (1D)                                                                                                                                                                                             |                                              |                                                                  | Class 2 laser (1D)                                                                                                                                                                                            |                                                 |
| Scans Barcodes on Device Screens                                           | ✓                                                                                                                                                                                                       | ✓                                            | ✓                                                                |                                                                                                                                                                                                               |                                                 |
| Scans VIN through Windshield                                               |                                                                                                                                                                                                         |                                              |                                                                  | ✓                                                                                                                                                                                                             | ✓                                               |
| Vibrate Mode for Good Scans                                                | ✓                                                                                                                                                                                                       | ✓                                            | ✓                                                                | ✓                                                                                                                                                                                                             | ✓                                               |
| Symbologies Decoded                                                        | Same as 7Mi/Pi plus: UPC/EAN/JAN supplemental redundancy, Coupon Report, ISSN EAN, Inverse 1D, ISBT concatenations, Matrix 2 of 5                                                                       |                                              |                                                                  | Bookland EAN (ISBN / EAN-13), Chinese 2 of 5, Codabar, Code 11, Code 128, Code 39, Code 93, Discrete 2 of 5, GS1 DataBar (RSS), GS1-128 (UCC-128/EAN-128), Interleaved 2 of 5 (ITF-14), MSI, Plessey, UPC/EAN |                                                 |
| Scan Repetition Rate                                                       | 5 scans/sec                                                                                                                                                                                             |                                              |                                                                  | 5 scans/sec bi-directional                                                                                                                                                                                    |                                                 |
| Optical Resolution                                                         | 5 mil minimum                                                                                                                                                                                           |                                              |                                                                  | 0.004 inch (0.102 mm) min./barcode element width                                                                                                                                                              |                                                 |
| Print Contrast                                                             | Minimum 20%                                                                                                                                                                                             |                                              |                                                                  | Minimum 25% MRD at 650 nm                                                                                                                                                                                     |                                                 |
| Scan Angle                                                                 | 53.3° ± 3°                                                                                                                                                                                              |                                              |                                                                  | Wide (default): 47° ±3° Narrow: 35° ±3°                                                                                                                                                                       |                                                 |
| Decode Distance <sup>3</sup>                                               | 5.7 to 50.8 cm (2.25 to 20 in.)                                                                                                                                                                         |                                              |                                                                  | 3.8 to 114+ cm (1.5 to 45+ inches)                                                                                                                                                                            |                                                 |
| Bluetooth Profile Support                                                  | Human Interface Device (HID) and Serial Port Profile (SPP) Some OS versions or smartphone/tablet models support only one profile.                                                                       |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Bluetooth Version                                                          | Bluetooth 2.1 + EDR (Enhanced Data Rates) with 56 bit data encryption, Bluetooth QD ID B0164000                                                                                                         |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Radio Range                                                                | Class 1 Bluetooth: Up to 100 m (330 ft), depending on environment                                                                                                                                       |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| OS Support                                                                 | Please use online compatibility checker for specific device models, OS versions, etc. <a href="http://www.socketmobile.com/compatibilitychecker/">http://www.socketmobile.com/compatibilitychecker/</a> |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| • Apple iOS, Mac OS                                                        | ✓                                                                                                                                                                                                       | ✓                                            | ✓                                                                | ✓                                                                                                                                                                                                             | ✓                                               |
| • Android OS                                                               | ✓                                                                                                                                                                                                       | ✓                                            | ✓                                                                | ✓                                                                                                                                                                                                             | ✓                                               |
| • BlackBerry OS                                                            | ✓                                                                                                                                                                                                       | ✓                                            | ✓                                                                | ✓                                                                                                                                                                                                             | ✓                                               |
| • Windows 8, RT, 7, Vista, XP                                              | ✓                                                                                                                                                                                                       | ✓                                            | ✓                                                                | ✓                                                                                                                                                                                                             | ✓                                               |
| • Windows Embedded Handheld, Mobile, CE                                    | ✓                                                                                                                                                                                                       | ✓                                            | ✓                                                                | ✓                                                                                                                                                                                                             | ✓                                               |
| SocketScan™ 10 Software                                                    | Keyboard wedge software featuring Socket EZ Pair for Android, BlackBerry, Windows. Scanner Settings configuration utility also included.                                                                |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| SocketScan 10 SDK                                                          | For Apple iOS, Android, BlackBerry, Windows. Available to members of Socket Mobile Developer Program (\$19.95/year) <a href="http://developer.socketmobile.com">http://developer.socketmobile.com</a>   |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Included Items                                                             | CHS barcode scanner, AAA rechargeable batteries (2), USB AC charger kit, lanyard/belt clip with retractable tether, software                                                                            |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Warranty                                                                   | Scanner: One year Accessories: 90 days                                                                                                                                                                  |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| SocketCare Extended Warranty                                               | Sold separately. SocketCare Plus 2 Year - SKU# SC1804-1349 SocketCare Plus 3 Year - SKU# SC1805-1350 <a href="http://www.socketcare.com/">http://www.socketcare.com/</a>                                |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Regulatory Compliance                                                      |                                                                                                                                                                                                         |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Electrical Safety                                                          | Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2                                                                                                                                                     |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Environmental                                                              | RoHS                                                                                                                                                                                                    |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| EMI / RFI                                                                  | FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC                                                                                                                    |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |
| Laser / LED Safety                                                         | IEC 60825-1, EN 60825-1                                                                                                                                                                                 |                                              |                                                                  |                                                                                                                                                                                                               |                                                 |

<sup>1</sup>Temperature ranges may vary with battery shelf life. <sup>2</sup>Battery life may vary with vibrate settings and work environment. <sup>3</sup>Depends on symbol size, symbology, label media, W-N ratio, scan angle.

|                                                                                    |           |                                                                    |  |               |                  |
|------------------------------------------------------------------------------------|-----------|--------------------------------------------------------------------|--|---------------|------------------|
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