Bluetooth Cordless Hand Scanner (CHS)
Series 8

Small, Lightweight and Easy to Use

Increase productivity in mobile business applications with the Socket *Bluetooth* Cordless Hand Scanner (CHS) Series 8, a small, thin barcode scanner that is easy to attach to your smartphone when in use or easy to detach and use.

- **One handed solution** — Ideal for workers who need to keep a hand free to handle merchandise or equiment.
- **Thin, small and elegant** — As small as a credit card, the CHS Series 8 is thinner than most smartphones and slips easily into a shirt or pants pocket.
- **Easy to integrate** — The CHS Series 8 is compatible with any applications used with our highly popular CHS Series 7 barcode scanners. Application update may be required.

HARDWARE FEATURES

- Compatible with Apple, Android, Windows devices
- Made with antimicrobial plastics to provide an extra layer of protection to the device against the spread of potentially harmful microbes
- Attach securely to phone with optional Klip Case (sold separately) to provide one-handed solution
- Use it either attached or detached from the phone
- Enjoy wireless freedom with a secure *Bluetooth* connection up to 33 ft (10 m)
- Battery Friendly® technology enables extensive 10-hour battery life on a single charge
- Lightest barcode scanner on the market that can be attached to a phone in a sled type solution
- Scanner automatically connects to phone after initial setup
- Wear around neck or attach to belt with included lanyard / belt clip for convenient access to scanner
- Lanyard features breakaway for safety in industrial environments
- LED and beeps visual and audio indicators signal good scan, connection, and power status
- Vibrate mode indicates good scans, ideal for noisy environments where beeps are hard to hear or applications that require silent mode
- Supports *Bluetooth* HID connections for easy setup with no software installation - connect like a wireless keyboard[2]
- Supports *Bluetooth* SPP connections for advanced scanner control and SDK support[2]

SPECIAL FEATURES FOR APPLE IOS

- Certified by Apple for iPad, 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 FOR ANDROID AND WINDOWS

- 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[1]
- 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(€19.95)/year) http://socketmobile.com/developer/

[1]Requires installation of SocketScan 10 software for Android/Windows or iOS app developed with SDK.
[2]Some smartphones/devices do not support both HID and SPP

Bluetooth® Made for iPod iPhone iPad

CHS Model	8Ci		8Qi	
Scanner SKU #	Black: CX2881-1476 White: CX2893-1497		Black: CX3343-1577 White: CX3344-1578	
Klip Case SKU#		Black		White
	Klip Case for iPhone 5/5s:	AC4066-1500		AC4080-1542
	Klip Case for iPhone 5c:	AC4078-1540		AC4079-1541
	Klip Case for iPod touch(5th generation):	AC4067-1501		AC4081-1543
	Klip Case for Samsung Galaxy S4:	AC4068-1502		AC4082-1544
	Universal Klip Case (requires 3rd party phone case):	AC4069-1503		AC4093-1545
	Note: Klip Cases for other devices are available from third- party manufacturers, contact Socket Mobile for more information. Developers, Socket Mobile partners, and third-party accessory manufacturers interested in creating Klip Cases can request the design files.			
Scanner Dimensions	3.42 x 0.52 x 2.12 in. (86.9 x 53.94 x 13.43 mm)			
Klip Case Dimensions	iPhone 5/5c/5s: 3.7 x 2.5 x 0.4 in. (94 x 63.5 x 10.16 mm) iPod touch (5th generation): 3.7 x 2.4 x 0.3 in. (94 x 61 x 7.6 mm) Samsung Galaxy S4: 4.1 x 2.9 x 0.4 in. (104 x 73.66 x 10.16 mm)			
Scanner Total Mass	1.7 oz (48.2 g)			
Klip Case Mass	iPhone 5/5c/5s: 0.4 oz (11.3 g) iPod touch (5th Generation): 0.4 oz (11.3 g) Samsung Galaxy S4: 0.5 oz (14.2 g)			
Drop Specification[1]	Multiple 3.3 ft (1 m) drops to vinyl covered concrete			
Operating Temperature[2]	+32 to +122°F (0 to +50°C)			
Storage Temperature[2]	-22 to +158°F (-30 to +70°C)			
Relative Humidity	5% to 95% non-condensing			
Ambient Light	Sunlight: 0 - 110,000 lux			
Battery Type	Lithium ion rechargeable battery			
Battery Life[1]	10 hours or 10,000 scans[2]		10 hours or 1,000 scans[2]	
Barcode Scanner Performance				
Scanner Type	Imager (1D)		Omni-directional Imager (2D)	
Scans Barcodes on Device Screens	✓			
Vibrate Mode for Good Scans	✓			
Symbologies Decoded	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		1D: Bookland EAN (ISBN / EAN-13), Codabar (including ISBT 128 bit concatenation), 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 2D: Aztec, HanXin, Codablock, Data Matrix, GS1 (EAN.UCC), Matrix 2 of 5, Maxicode, PDF 417, Macro PDF 417, Micro PDF 417, QR Code, Standard 2 of 5, Telepen,TLCode 39 Postal: Australia Post, BPO 4, Canada Post, Dutch Post (KIX), Japan Post, Planet, Postnet, RM4SCC, Sweden Post, TLCode 39, 4 State Code, USPS Intelligent Mail	
Scan Repetition Rate	5 scans/sec			
Print Contrast	Minimum 20%		Down to 254	
Scan Angle	53.3° ± 3°		Horizontal: 38.9° Vertical:25.4°	
Decode Distance[3]	5.7 to 50.8 cm (2.25 to 20 in.)		4.8 to 40.6 cm (1.9 to 16 in.) Depends on symbol size, symbology, label media, W-N ratio, scan angle	
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			
Radio Range	Class 2 *Bluetooth*: Up to 10 m (33 ft), depending on environment			
OS Support				
• Apple iOS	✓			
• Android OS	✓			
• Windows	✓			
SocketScan™ 10 Software	Keyboard wedge software featuring Socket EZ Pair for Android. 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) http://developer.socketmobile.com			
Included Items	CHS barcode scanner, Lithium ion rechargable battery, USB charging cable, 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 http://www.socketcare.com/			
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			
LED Safety	IEC 60825-1, EN 60825-1			

[1]*Preliminary and subject to change.*   [2]*Temperature ranges may vary with battery shelf lIfe.*   [3]*Depends on symbol size, symbology, label media, W-N ratio, scan angle.*

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