socket® mobile

SERIES 8

ATTACHABLE

Bluetooth Cordless Hand Scanner

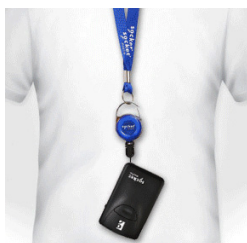### Small, Thin, Attachable & Easy to Use

SMALL, LIGHTWEIGHT AND EASY TO USE

Increase productivity in mobile business applications with the Socket Mobile *Bluetooth* Cordless Hand Scanner (CHS) Series 8.

- **One handed solution** — Ideal for workers who need to keep a hand free to handle merchandise or equiment. Attach securely to phone or phone case with optional Klip Case

- **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. Wear around neck or attach to belt with lanyard / belt clip for convenient access to scanner (sold separately)

- **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 material to provide an extra protection against potentially harmful microbes
- Robust Bluetooth connectivity
- Battery Friendly® technology 10-hour battery life on a single charge
- Scanner automatically connects to phone after initial setup
- 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
- Suffix support — automatically add a carriage return or tab
- Data editing — reformat, extract or manipulate data
- Scanner configuration — modify beep, LED, vibrate, and symbology settings. View scanner's battery level

[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

Side LED Indicator

Power Button also iOS Keyboard Pop-up

Front LED Indicator

Trigger Button

Bluetooth®

Made for iPod iPhone iPad

CHS Model	8Ci		8Qi	
Scanner SKU #	Black: CX2881-1476		Black: CX3343-1577	
	White: CX2893-1497		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 (requires 3rd party phone case):	AC4069-1503	AC4083-1545	
	Step files for the Series 8 side of the Klip Case, to facilitate the design of a custom Klip Case, are available with the SDK subscription.			

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)
	Universal:	3.5 x 1.0 x .01 in. (90 x 25.4 x 3.0 mm)

Scanner Total Weight	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)
	Universal:	.57 oz (.02 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]

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 available for download from the App Store.
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, internal Lithium ion rechargable battery, USB charging cable, Universal Klip
Warranty	Scanner: One year Accessories: 90 days
SocketCare Extended Warranty	Sold separately. SocketCare Plus 3 Year - SKU# SC1805-1350 SocketCare Plus 5 Year - SKU# SC1835-1671 http://www.socketmobile.com/socketcare

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 llfe.   [3]Depends on symbol size, symbology, label media, W-N ratio, scan angle.