



DURASLED™ DS840

For Samsung XCover Pro

The DuraSled™ DS840 is a universal barcode scanning sled for 1D/2D barcodes, with Bluetooth® wireless technology for Samsung XCover Pro. The DuraSled reads printed or on-screen barcodes and protects devices from tumbles. It is easy-to-use and ideal for delivery services, stock counting, ticketing and other application-driven mobile solutions. Simply insert your XCover Pro, pair your scanner over Bluetooth, open your app and you are ready to go.



Front LED Indicator

Scan Button

Side LED Indicator

Power Button

Wrist Strap Hook

Features

- Combines and protects both your Android device and 800 Series scanner with a durable Elastomeric (rubber) case.
- Interchangeable Accessories - All DuraSled accessories are compatible: Charging Adapter, Single Charging Dock, Vehicle Charger, and 6 Bay Charger.
- Simultaneous Charging- Allows the XCover Pro and scanner to be charged at the same time.
- Easy Docking- Magnetic contacts for simple charging connection.
- Bluetooth Setup- Companion app available for easy setup and deployment.
- Designed & made in USA.

DURASLED & CHARGING DOCK BUNDLE

- (1) DS840 for XCover Pro
- (1) GDS® Charging Dock
- (1) USB Cable



Download Socket Mobile Companion app for easy pairing, product registration and more!

OPTIONAL ACCESSORIES

Charging Adapter



Connect your DuraSled to a Snap-Con™ GDS to Micro USB 2.0 Adapter and charge both the scanner and the handheld device at the same time! Perfect for charging at home or anywhere you go.

*Charging Dock



Connect your DuraSled to the GDS® Charging Dock. The exterior docking contacts are specifically engineered for secure docking and charging of both devices in the DuraSled.

*Included with bundle

Vehicle Charging Dock



The Vehicle Charging Dock is a mounted charger for the DuraSled that provides users the freedom to charge their scanner and phone while on the go.

6 Bay Charger



The 6 Bay Charger charges multiple DuraSled devices within a single docking station. This desktop solution is perfect for large offices, conference rooms, vehicle fleets, and other applications requiring mass charging of multiple DuraSleds.

Retail	Hospitality	Point of Sale
Logistics	Life Sciences	Automotive
Healthcare	Inventory	Transportation
Warehouse Management	Field Sales & Service	

PHYSICAL CHARACTERISTICS

Dimensions	DuraSled for XCover Pro	Weight: 3.84 oz (109.0 g) Size: L 7.25" x H 1.22" x W 3.32" (184.1 x 30.9 x 84.3 mm)
	Charging Dock	Weight: 16.9 oz (478.5g) Size: 7.33" x 1.12" x 3.23" (186.2 x 28.4 x 82.0mm)
	USB 2.0 Cable	1.2 meters (3'9")
LEDs	Scan LED: Green and Red Bluetooth LED: Blue	
Buttons	Scan Button: Scan Power Button: On/Off	

BATTERY

Type of Battery:	Lithium Ion Polymer- rechargeable battery
Charge Time:	8 Hours
Battery Life:	Standby time: 25 hours
Per Full Charge:	Active Scan Time - 34,000 scans within 3 hours (based on 2 scans every 1 second) 9,000 scans within 10 hours (based on 1 scan every 4 seconds)
Note:	Battery life varies depending on ambient temperature, ambient light, age of battery, etc.
Number of Batteries Used:	1
Weight of battery:	12.5g
Percentage Lithium:	36%
Battery mAh:	700 mAh
Number of cells per battery:	1
Watt Hours per battery:	2.59
Type of Cell (ex. AA):	Proprietary
Chemical Composition (ex. Alkaline):	Lithium - polymer
Lithium Content:	14g
Battery Voltage:	3.7v
Hazmat UN Number:	UN3481, P.I. 967
ROHS Compliance Indicator:	Yes, Included with Scanner
Country of Origin:	China
Commodity Code:	8507.60.0000

SCANNER TYPE

Technology:	2D/1D Barcode Linear Imager
Lightsource:	1 hyper red 660 nm (nanometer) LED
Aimer:	610 nm LED

Default Barcode Symbologies:

1D Symbologies: Codabar, Code 39, Code 93, Code 128, EAN-13/JAN 13, EAN-8/JAN 8, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, UPC-A, UPC-E, UPC-E1

2D Symbologies: Aztec, Data Matrix, Maxicode, Micro QR Code, Micro PDF417, PDF417, QR Code

Postal Codes: USPS 4CB/One Code/Intelligent Mail

Supported Barcode Symbologies:

1D Symbologies: Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Composite CC-A/B, Composite CC-C, Composite TLC-39, Discrete 2 of 5, EAN-13/JAN 13, EAN-8/JAN 8, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, Inverse 1D, ISBT 128, ISSN EAN, Matrix 2 of 5, MSI, UPC-A, UPC E/E-1

2D Symbologies: Aztec, Data Matrix, Han Xin, Maxicode, Micro PDF417, MicroQR, PDF417, QR Code

Postal Codes: Australia Post, Japan Postal, Netherlands KIX Code, UK Postal, UPU FICS Postal, US Planet, US Postnet, USPS 4CB/One Code/Intelligent Mail

Scan Angle:

42° (Horizontal) - 28° (Vertical)

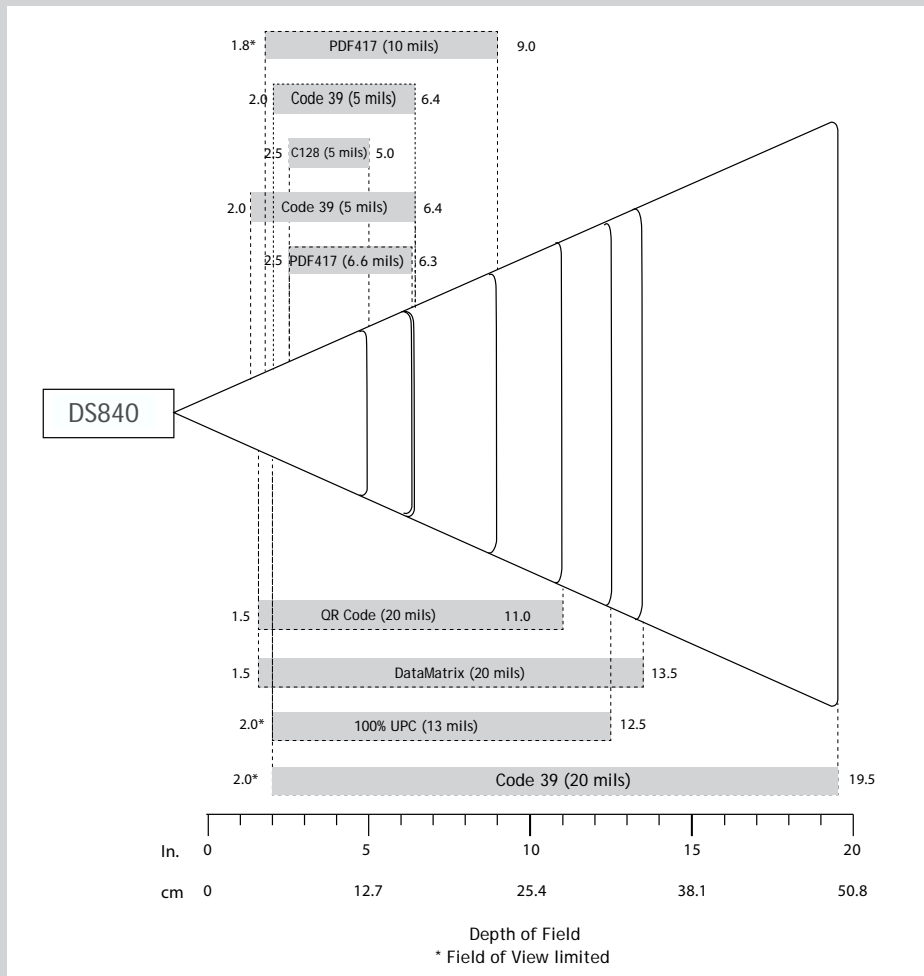
Sensor Resolution:

640 horizontal x 400 vertical pixels

Print Contrast:

Down to 25%

Reading Distance:



3.8 to 49.5 cm (1.5 to 19.5 in.) Depends on barcode size, symbology, label media, scan angle

Decode Ranges:

	Near	Far
5 mil Code 39	2.0 in/5.1 cm	6.4 in/16.2 cm
5 mil Code 128	2.5 in/6.3 cm	5.0 in/12.7 cm
6.6 mil PDF417	2.5 in/6.3 cm	6.3 in/16.0 cm
10 mil PDF417	1.8 in/4.5 cm*	9.0 in/22.8 cm
13 mil 100% UPC	2.0 in/5.0 cm*	12.5 in/31.7 cm
20 mil Code 29	2.0 in/5.0 cm*	19.5 in/49.5 cm
20 mil Data Matrix	1.5 in/3.8 cm	13.5 in/34.3 cm
20 mil QR Code	1.5 in/3.8 cm	11.0 in/27.9 cm

Ambient Light:	From 0 to 100,000 lux From pitch black to direct sun light
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)
Sealing:	IP40
Drop Specifications:	Multiple drops to vinyl covered concrete at about 3 ft or 1 m

OPERATING SYSTEM COMPATIBILITY



Android OS: Basic Mode (HID)* & App Mode (SPP)

Compatible with devices supporting Basic Mode (HID)* protocol


Supported keyboard languages - ANSI, English UK, English, French, German, Italian, Japanese, Polish, Spanish and Swedish

**By default, the factory settings of the Socket Mobile Scanners are set to Basic Mode (keyboard emulation: HID). In order to use the scanner with an application using Capture SDK, the scanner must be configured in App Mode (Bluetooth Serial Port Profile: SPP).*

BLUETOOTH (WIRELESS CONNECTION)

Bluetooth Radio:	Class 2 Bluetooth, version 2.1 + EDR (Enhanced Data Rates) with 56-bit data encryption
Bluetooth Range:	Up to 10 m (33 ft.) depending on environment, range limit is usually due to the Host Device (phone, tablet or notebook)
Bluetooth Profiles:	Basic Mode - Human Interface Device (HID)* and App Mode - Serial Port Profile (SPP) <i>*By default, the scanner is set to Basic Mode (HID).</i>

CERTIFICATION & REGULATORY

Bluetooth SIG:	Declaration ID: D030473 QDID: 82009
Electrical Safety:	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2
Environmental:	RoHS EN 50581
EMI / RFI:	FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC
LED Safety:	IEC/EN 62471 (Exempt Group) FCC ID: T9J-RN42 CMIIT ID: 6514A-RN42 Telec ID:  201-125709



WARRANTY

Scanner:	Standard one year limited warranty
Accessories:	Standard one year limited warranty
Extended Warranty: (sold separately)	www.socketmobile.com/socketcare



socketmobile.com

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