DuraScan Wear DW940

1D/2D Universal Barcode Scanner

Experience unparalleled comfort, mobility, and efficiency with the DuraScan Wear DW940. Engineered for scenarios when precision and speed are paramount, this wearable scanner empowers workers with the flexibility to use both hands— revolutionizing data capture tasks in warehousing, manufacturing, pick & pack, and distribution.

The DW940's wearable design increases productivity, allowing workers to continue scanning without putting the scanner down when moving items or operating machinery. The scanner is small, light, and fits comfortably on the back of a hand with a rechargeable battery that lasts an entire shift. It can be worn right over the workers' preferred work gloves. The modular design allows workers to maintain their own personal hand wrap element for hygiene. The attachable scanner is easy to remove during breaks, and the Velcro provides quick assembly when it's time to get back to work.

The DW940 features fast 1D/2D, omnidirectional scanning for printed or on-screen barcodes with a highly visible and safe LED aimer. The DW940 is backward compatible with prior versions of Socket Mobile's CaptureSDK and can be integrated immediately with any application using native scanning support. To enjoy optimal reliability and performance from the DW940, it is recommended that users check with their app provider to ensure they have upgraded to the latest version of CaptureSDK.
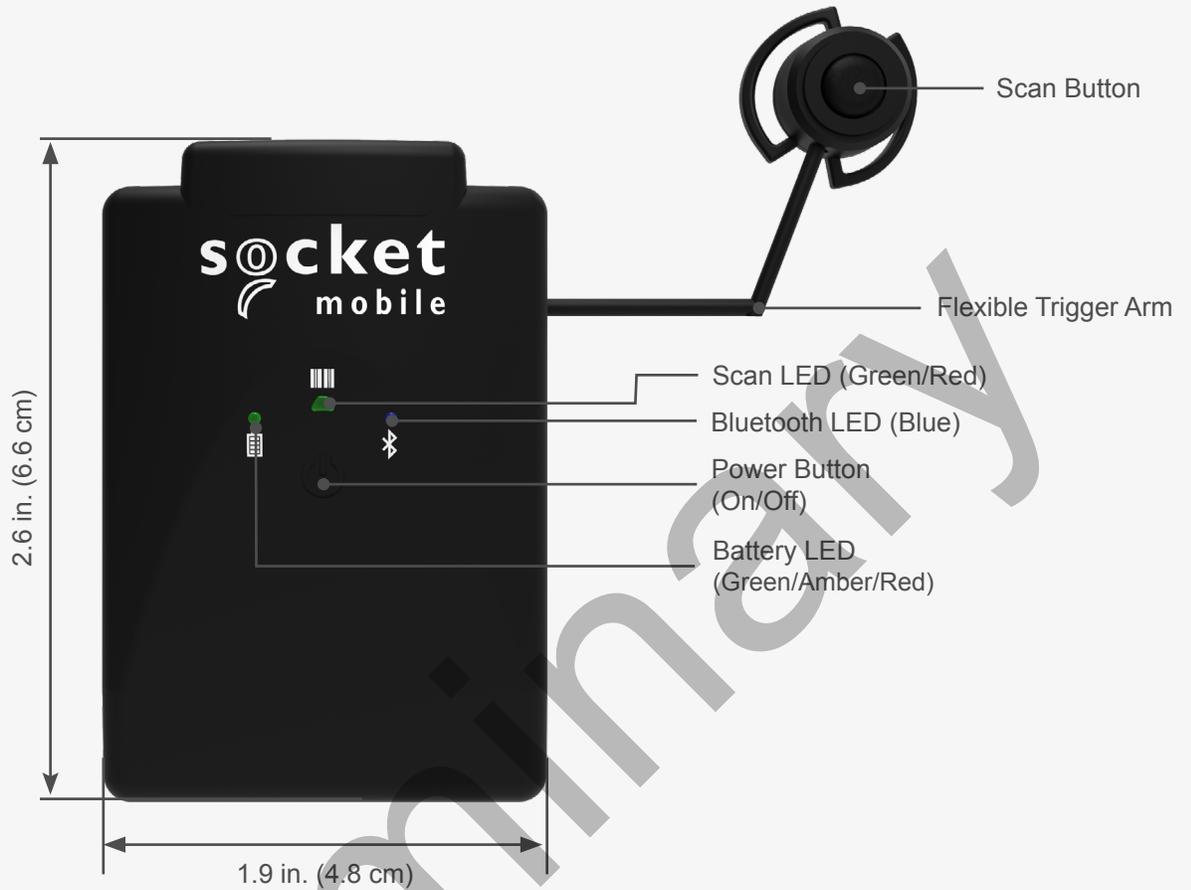
Features

- **Apple® Certified for iOS devices (iPad®, iPhone®) and compatible with Android, Windows® 10, Mac and Linux.**
- **Scanning –** Fast 1D/2D, omnidirectional scanning for printed or on-screen barcodes with highly visible and safe LED aimer.
- **Bluetooth Wireless Technology -** Dependable Bluetooth connection to hosts devices. Auto-reconnection maintains even in different environments.
- **Exceptional Ergonomics –** Small, light, and fits perfectly on the back of the hand for comfortable use over extended periods.
- **Battery Friendly® –** Barcode scanner features a rechargeable, field-replaceable battery that lasts an entire shift.
- **LED Aimer –** Bright, rectangular illumination field with LED pointer for precise aiming.
- **LED Indicators –** Intuitive LED lights that indicate scanning and scanner battery charging status.
- **User Feedback –** Audible tones.
- **Rugged Design –** IP67 rating for dust and waterproof; withstands multiple drops.
- **Native App Support –** Socket Mobile's CaptureSDK enables easy native app integration in your applications to improve business productivity.
- **High Performance –** Fast, accurate, and easy, captures most 1D/2D barcodes, including damaged or poor-quality barcodes.
- **Wearable –** Fits comfortably over a glove or directly on the hand. Allows usage of both hands without having to put the scanner down. Washable & breathable material with velcro for attaching the scanner module.
- **Designed and Assembled in the USA.**
- **1-Year Warranty.**
- **Developer Support Available.**

Physical Characteristics

Weight Mass:	3.2 oz (90.7 g)

Scan Button

socket mobile

Flexible Trigger Arm

Scan LED (Green/Red)

Bluetooth LED (Blue)

Power Button (On/Off)

Battery LED (Green/Amber/Red)

2.6 in. (6.6 cm)

1.9 in. (4.8 cm)

Size	Hand Length	Hand Circumference
	Distance between wrist and tip of middle finger	Measured with a tape measure 2cm above thumb
X-Small (XS)	7"	7"
Small (S)	7.5"	7.5"
Medium (M)	8"	8"
Large (L)	8.5"	8.5"
X-Large (XL)	9"	9"

Includes

(1) DW940, 1D/2D Universal Barcode Scanner and Rechargeable Battery (pre-installed)
(1) Flexible Trigger Arm (pre-installed)
(1) Charging Cable
(1) Over-Glove
(1) Get Started Insert

socket mobile

Download on the App Store

GET IT ON Google Play

Available for Microsoft

Socket Mobile Companion App Download for Free!

Scanning Performance

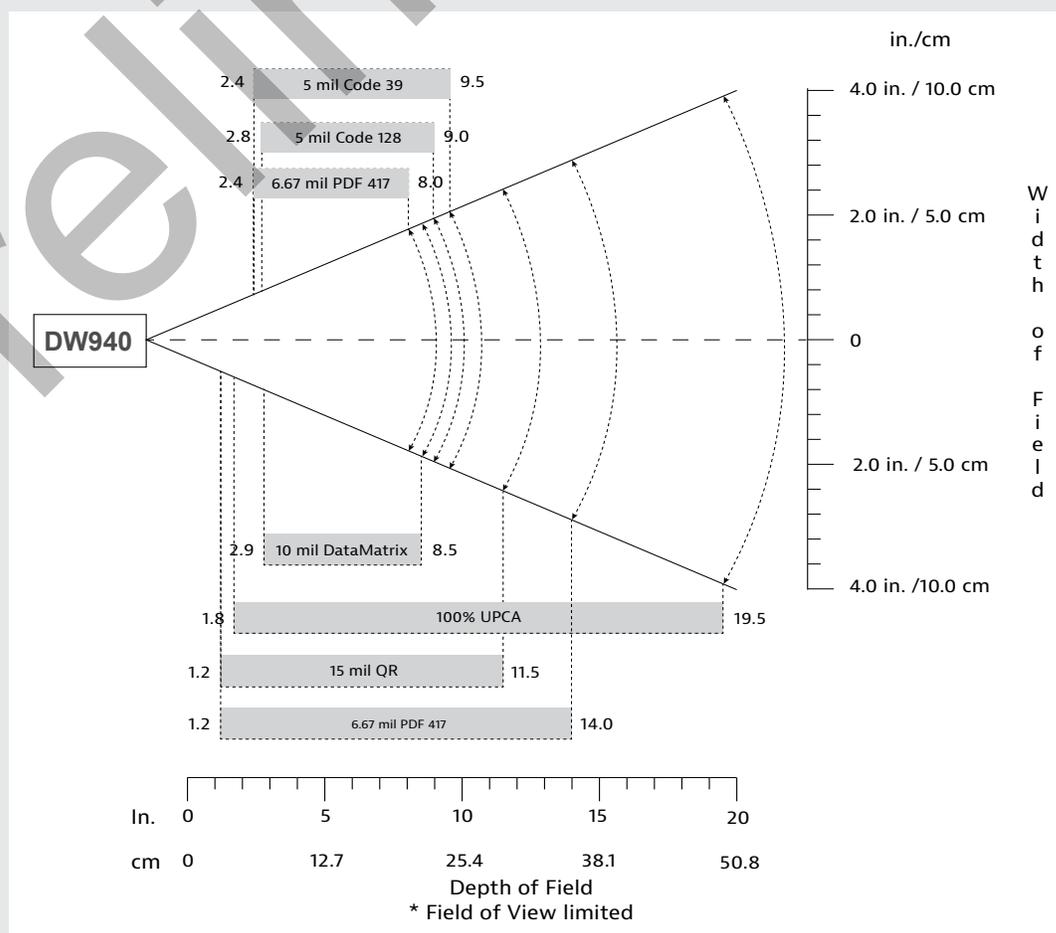|	
Default Barcode Symbologies:	**1D Symbologies:** Bookland EAN, Codabar, Code 39, Code 93, Code 128, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128,UPC A, UPC EO **2D Symbologies:** Aztec, Data Matrix,DotCode, Maxicode, Micro PDF417, PDF417, QR Code **Postal Codes:** Australia Post **OCR Typeface:** OCR-B ICAO Travel Documents
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, Discrete 2 of 5, EAN-13/JAN, EAN-8/JAN, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, ISSN EAN, Matrix 2 of 5, MSI, UPC/EAN/JAN, UPC A, UPC EO **2D Symbologies:** Aztec, Data Matrix, DotCode, GS1 Data Matrix (S740 with Green scan LED only), GS1 QR Code (S740 with Green scan LED only), Maxicode, Micro PDF417, MicroQR, PDF417, QR Code **Postal Codes:** Australia Post, Han Xin, Japan Postal, KIX Code, Maxicode, Netherlands, UPU FICS Posta, US Planet, US Postnet, USPS 4CB/One Code/Intelligent Mail **OCR Typeface (S740 with Green scan LED only):** OCR-A, OCR-B, MICR (E13B), US currency serial number
Scan Angle:	44.5° (Horizontal) 33.5° (Vertical)
Sensor Resolution:	1280 x 960 pixels, rolling shutter
Print Contrast:	Down to 25%-20%
Reading Distance:	

Decode Ranges:	3.0 to 49.5 cm (1.2 to 19.5 in.) Depends on barcode size, symbology, label media		
		Near	**Far**
	5 mil Code 39	2.4 in/6.1 cm	9.5 in/24.1 cm
	5 mil Code 128	2.8 in/7.1 cm	9.0 in/22.9 cm
	6.67 mil PDF417	2.4 in/6.1 cm	8.0 in/20.3 cm
	10 mil DataMatrix	2.9 in/7.4 cm*	8.5 in/21.6 cm
	100% UPCA	1.8 in/4.6 cm*	19.5 in/49.5 cm
	15 mil QR	1.2 in/3.0 cm*	11.5 in/29.2 cm
	20 mil QR	1.2 in/3.0 cm	14.0 in/35.6 cm

Scanner Type

Technology:	1D/2D Barcode Linear Imager
Aimer:	Green LED

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 meters (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), App Mode - Serial Port Profile (SPP) and App Mode - MFi-SPP*. Some Operating Systems or smartphone/tablet models may support only one profile. *By default, the scanner is set to App Mode - MFi-SPP.*

Apple, Android and Windows PC with Bluetooth Classic HID are compatible with all Socket Mobile scanners.
*Chromebook and Linux support HID mode only.

Operating System Compatibility

Android OS - Basic Mode (HID) & App Mode (SPP)	Mac OS - Basic Mode (HID) and Linux
Apple iOS - Basic Mode (HID) and App Mode (MFi-SPP)*	Windows OS 10/11 - Basic Mode (HID) and 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 App Mode. In order to use the scanner with an application using Capture SDK, the scanner must be configured in Application Mode (Bluetooth Serial Port Profile: SPP)

Made for iPhone | iPad

Linux

Mac

Works with Android

Windows

Battery

Type of Battery:	Lithium Ion Polymer- rechargeable battery
Charge Time:	8 Hours
Battery Life:	500 charge-discharge cycles
Battery Life Per Full Charge:	Standby time: 13 hours Active Scan Time: 53,000 scans within 5 hours (based on 2 scans every 1 second) 8,500 scans within 9.5 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

User Environment

Ambient Light:	From 4,800 to 86,000 lux From artificial indoor (fluorecent and incandescent) to natural outdoor lighting (direct sunlight)
Operating Temperature:	-20° to 50° C (-4° to 122° F)
Storage Temperature:	-40° to 70° C (-40° to 158° F)
Charging Temperature:	Charging in an ambient temperature above 40° C / 100° F may result in charging issues.
Relative Humidity:	95% at 60° C (140° F) (non-condensing)
Sealing:	IP67 (Ingress Protection rating for dust and water) EN60529

Tumble Specification:	2,500 cycles at 3.3 ft. (1 m) to metal plate, IEC6008-2-31, IEC60068-2-32 3
Drop Specification:	6 drops to concrete - 1 on each side at 6.6 ft. (2 m)

Certification & Regulatory

Bluetooth SIG:	Declaration ID: QD ID:
Electrical Safety:	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2
Environmental:	Environmental: RoHS EN 50581
EMI / RFI:	FCC Part 15 Class C, RSS 210, iCES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC FCC ID: IC ID:
LED Safety:	IEC 60825-1, EN 60825-1

Warranty

Scanner:	Standard one year limited warranty for barcode scanners
Accessories:	90 days for batteries, charging cable, over-glove, and flexible trigger arm
Extended Warranty: (sold separately)	www.socketmobile.com/socketcare

Common Uses

Transportation & Logistics	Picking, packing, receiving, sorting, shipping; track & tracing, delivery/proof of delivery
Manufacturing	Parts and assembly's traceability, sequencing stations, inventory management, replenishment, sorting, finished goods verification
Retail	Back office receiving, inventory management; warehouse - picking, shipping & receiving
Healthcare	Pharmaceutical and laboratory warehouse picking and inventory, sample/blood bag tracking