



# DuraScan® Wear DW930

## Laser Barcode Reader w/Flex Trigger Switch & Over-Glove

DW930 is a Bluetooth® laser barcode scanner designed for mobility, efficiency, and on-the-job proficiency. Ideal for scanning scenarios that require keeping both hands available, the DW930 is designed for the speed and precision needed in environments such as warehousing, manufacturing, pick & pack, distribution, and more.

The DW930'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 and light and fits comfortably on the back of a hand with a battery lasting over a full work day. The modular design allows workers to maintain their own personal easy to slip on over-glove for hygiene. The over-glove will also fit over a personal work-glove.

The DW930 contains a class 2 laser that scans through plastic or glass, in bright or poor lighting conditions, upside down, or straight at imperfect barcodes. To enjoy optimal reliability and performance from the DW930, it is recommended that users check with their app provider to ensure they have upgraded to the latest version of CaptureSDK.



Bluetooth®

### Features

- **Compatible with iOS devices (iPad®, iPhone®, iPod Touch®), Android, Windows® 10/11, Mac and Linux.**
- **Scanning** – High-Performance Class 2 laser, ideal for moderate to rigorous scanning applications (scans thousands of barcodes per day), scans up to 180" (457.2 cm) away with laser scanner. (Scan distance depends on size and quality of barcode).
- **Bluetooth Wireless Technology** – Dependable Bluetooth connection to iOS, Android, and Windows 10/11 devices. Auto-reconnection maintains connection even in different environments.
- **Exceptional Ergonomics** – Small, light, and fits perfectly on the back of the hand for comfortable use over extended periods of time.
- **Battery Friendly®** - Long-lasting full work day, rechargeable, replaceable, and field-serviceable batteries.
- **User Indicators** – Intuitive LEDs for Bluetooth connection, battery level, and scanning status.
- **User Feedback** – Audible tones.
- **Rugged Design** – IP54 rating for dust and water splashing; withstands multiple drops.
- **Native App Support** – Socket Mobile's CaptureSDK enables easy native app integration in your applications to improve business productivity.
- **Flexible** – Trigger arm switch designed for bending & placing in the most comfortable position for the user. Scans barcodes through glass and plastic, in bright sunlight, in dark environments or curved surfaces.
- **High Performance** – Fast, accurate, and easy, captures all 1D 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 for Scanner Module**
- **Developer Support Available**



- (1) DW930, 1D Laser Barcode Scanner and Rechargeable Battery (pre-installed)
- (1) Flexible Trigger Arm
- (1) Charging Cable
- (1) Over-Glove
- (1) Get Started insert



**Socket Mobile Companion App**  
Download for Free!

## Scanner Type

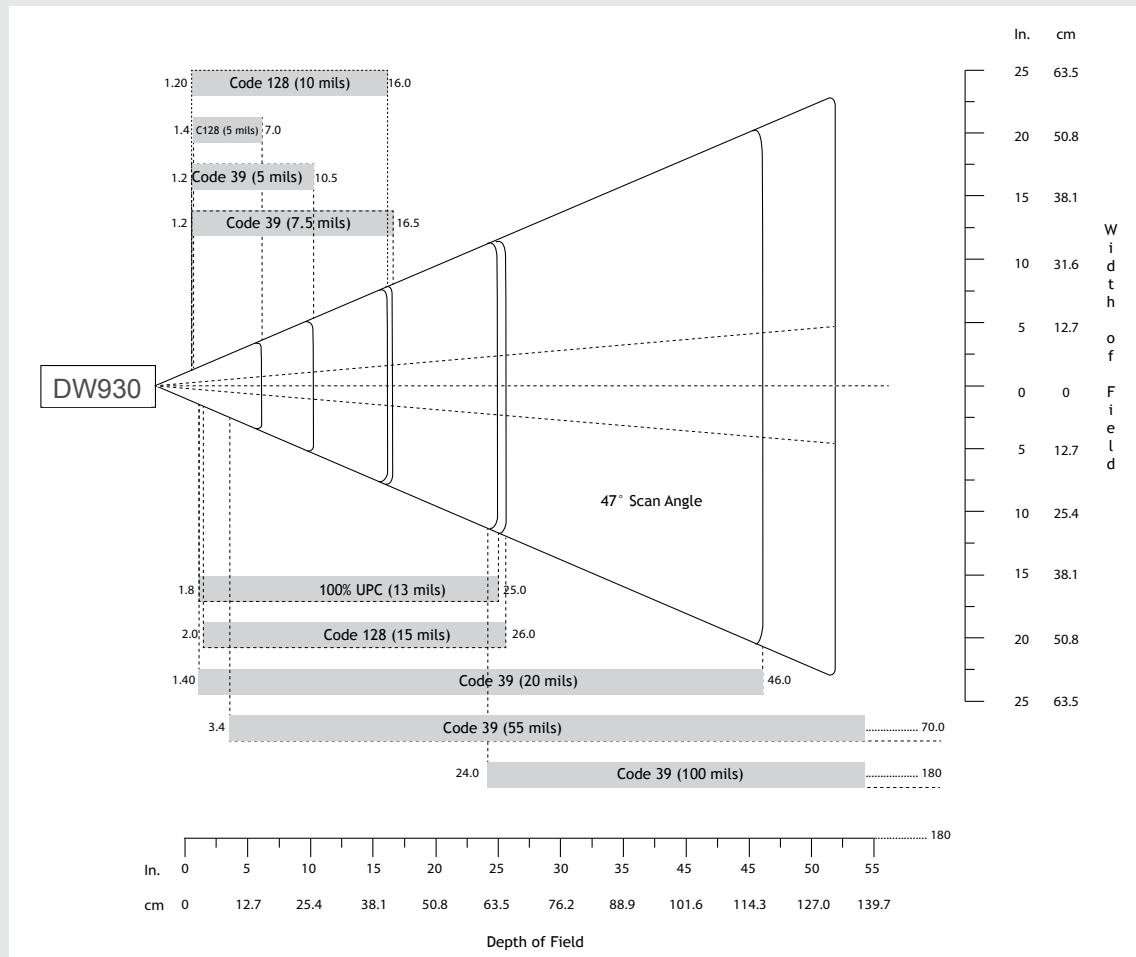
Technology:	1D Class 2 Laser Barcode Scanner
Laser Power at 650 nm :	Scanning Mode: 1.7 mW (nominal peak power) Aiming Mode: 0.67 mW

## 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

Default Barcode Symbologies:	Bookland EAN, Code 39, Code 39 Full ASCII, Code 93, Code 128, EAN-8/JAN, Ean-13/JAN, GS1 DataBar, GS1 Databar Expanded, GS1 DataBar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, UPC A, UPC E
Supported Barcode Symbologies:	1D Symbologies: Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Discrete 2 of 5, EAN-8, EAN 13, GS1-128, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited, Interleaved 2 of 5, Inverse 1D, ISBT 128, Korean 3 of 5, Matrix 2 Of 5, MSI, UPC-A, UPC-E/E1
Scan Angle:	Wide: 47° (Default) Medium: 35° Narrow: 10°
Optical Resolution:	0.005 in. Minimum element width
Print Contrast:	Minimum 25% absolute dark/light Reflectance measured at 650 nm

Reading Distance:



1D codes 3.05 to 457.2 cm (1.2 in to 180 in)  
 Depends on width and barcode size, symbology, label media

Decode Ranges:

	Near	Far
5 mils Code 39	1.2 in/3.0 cm	10.5 in/21.0 cm
5 mils Code 128	1.4 in/3.6 cm	7.0 in/26.7 cm
7.5 mils Code 39	1.2 in/3.0 cm	16.5 in/41.9 cm
10 mils Code 128	1.2 in/3.0 cm	16.0 in/40.6 cm
13 mils 100% UPC	1.8 in/4.6 cm	25.0 in/63.5 cm
15 mils Code 128	2.0 in/5.1 cm	26.0 in/66.0 cm
20 mils Code 39	1.4 in/3.6 cm	46.0 in/116.8 cm
55 mils Code 39	3.4 in/8.6 cm	70.0 in/177.8 cm
100 mils Code 39	24 in/61 cm	180.0 in/457.2 cm

## 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. <i>*By default, the scanner is set to App Mode - MFi-SPP.</i>

Apple, Android and Windows PC with Bluetooth Classic HID are compatible with all Socket Mobile scanners.

\*Chromebook and Linux support HID mode only.

## User Environment

Ambient Light:	From 4,800 to 86,000 lux From artificial indoor (fluorescent 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:	IP54 (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)

## Operating System Compatibility

Android OS - Basic Mode (HID) & App Mode (SPP)	Mac OS - Basic Mode (HID) only
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	
<i>*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)</i>	

iOS

iPadOS

macOS



## 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



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)	<a href="http://www.socketmobile.com/socketcare">www.socketmobile.com/socketcare</a>



## 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

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