



1D BARCODES, 2D BARCODES

DuraScan Terminal DT862

Durable Professional Mid-Range 1D/2D Bluetooth LE Barcode Scanner for iPhone 17e (also compatible with iPhone 16e)

IP54 Rating

A powerful mid-range scanning terminal built for mobile professionals. The DuraScan Terminal DT862 enhances the iPhone® 17e with fast 1D/2D barcode scanning at distances up to 14 feet, delivering versatility for travel and hospitality, retail point of sale, field service, and mobile service teams. Its slim, ruggedized design protects the iPhone from drops and daily impacts while preserving full camera, touchscreen, and USB-C charging access.

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This product uses a Bluetooth LE (Low Energy) connection method that is different from our Bluetooth Classic data readers and **requires a supported software application**. Before purchasing, please confirm your app uses the latest version of Socket Mobile's [CaptureSDK](#) or [contact us](#) to discuss your requirements.

Engineered for organizations that require dependable mid-range scanning, the DuraScan Terminal DT862 combines advanced barcode capture with a slim, comfortable handheld profile. The high-performance scan engine reads barcodes quickly and accurately from close range out to 14 feet, enabling workers to process items on shelves, luggage belts, counters, and equipment without repositioning.

The DT862's durable enclosure features rubberized protective materials that shield against drops, bumps, and heavy use in fast-paced environments. Users can continue to operate the iPhone's native camera without removing it from the terminal, and the built-in USB-C passthrough enables convenient charging while the device remains secured in place.

Bluetooth® Low Energy (LE) technology ensures smooth, responsive communication with mobile applications while conserving battery power. With its balanced feel, rugged construction, and long-range versatility, the DT862 is well-suited for airline staff, retail associates, field technicians, and service professionals who depend on reliable mobile scanning tools.

Optional Upgrade:

DuraScan Terminals are available with a **factory-new, pre-installed 256GB iPhone® 17e**. This upgrade delivers a fully assembled data capture solution, enabling faster deployment and minimizing setup complexity in the field.

Features

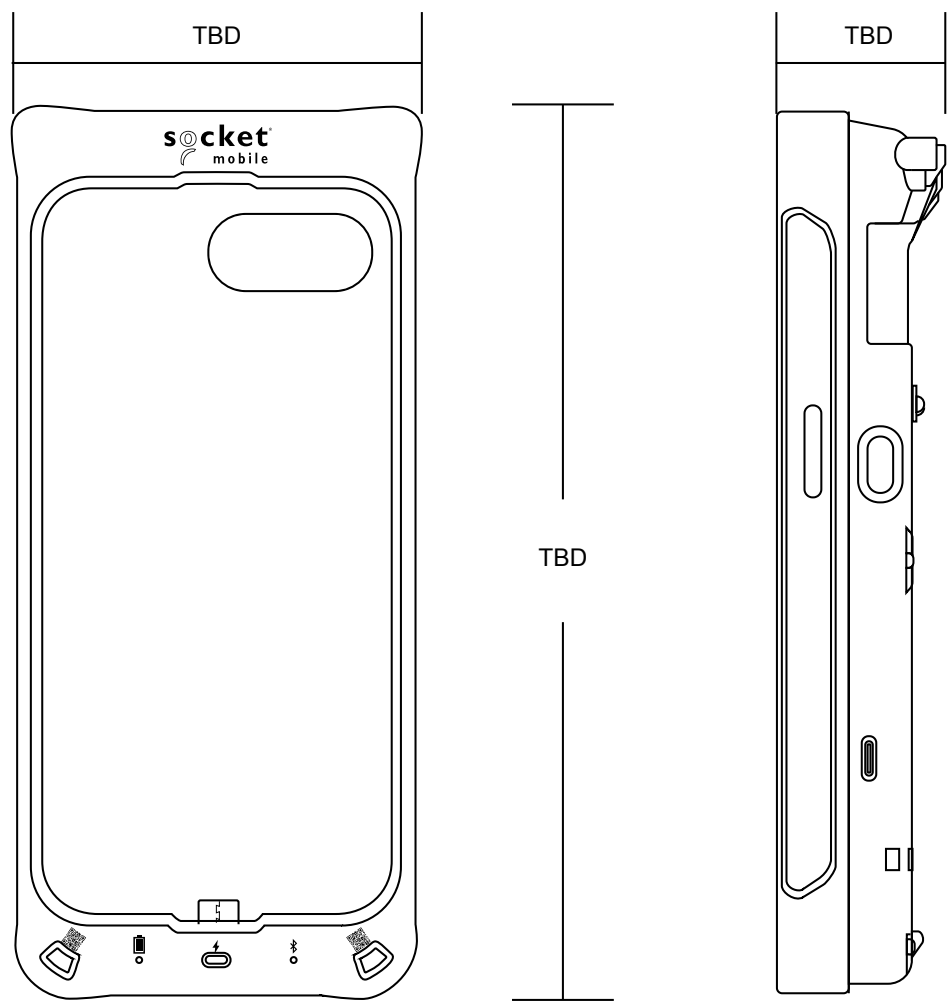
- **Rapid Scanning:** Fast 1D/2D scanning for both printed and on-screen barcodes, featuring omnidirectional capability for intuitive, rapid scanning.
- **Advanced Decoding:** Accurately captures data from scratched, damaged, smudged, or low-contrast barcodes, helping to reduce failed scans, minimize delays, and increase productivity when working in challenging environments.
- **Durable Casing:** Rubber material for increased protection from drops.
- **Extended Range:** Scans barcodes ranging in size from 5 mil to 160 mil, at distances from 2.1 inches to 14 feet.
- **Precision Aimer:** High-visibility aimer ensures fast, accurate barcode targeting across various distances.
- **Long-Lasting Battery:** Scanner features rechargeable and field-replaceable battery that lasts a full shift.
- **Intuitive User Indicators:** [LED lights](#) that indicate successful data read/write and battery charging status.
- **Audible Feedback:** Multiple [feedback tones](#) to indicate successful data read/write and other important action confirmations.
- **Easy App Integration:** Socket Mobile's CaptureSDK (version 2.0.29 or higher) enables easy integration in your applications to improve business productivity with fast, efficient, and reliable data transfer over Bluetooth wireless technology. Data reader works out of the box for apps that have already integrated CaptureSDK, with support for Bluetooth LE devices.
- **1-Year Warranty Included:** [Extended warranty](#) options also available.
- **Designed and Assembled in the USA:** Socket mobile data readers are built at our headquarters in Fremont, CA.

Common Uses

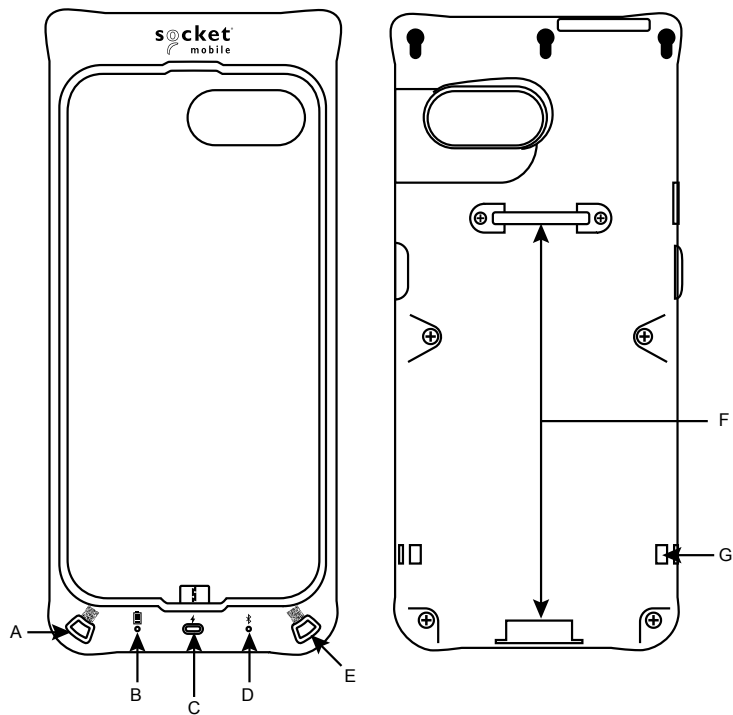
- [Retail Solutions](#)
- [Travel & Hospitality Solutions](#)
- [Logistics Management](#)
- [Healthcare Solutions](#)
- [Track & Trace](#)
- [Inspections & Audits](#)
- [Field Services](#)

- Food Handling

Dimensions



External Control



A. Scan LED

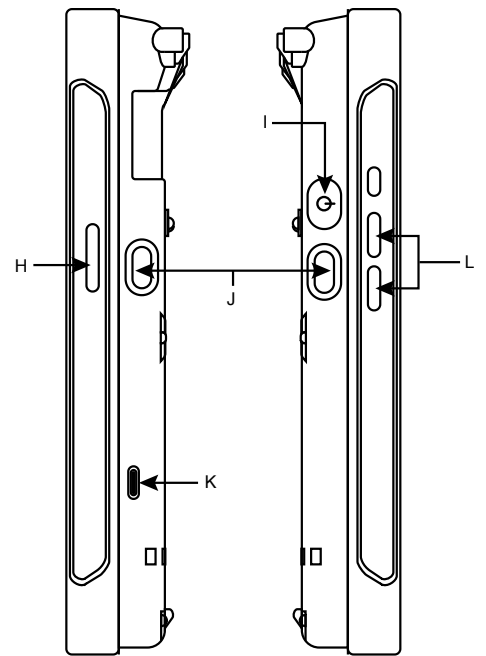
B. Battery LED

C. Charging LED

D. Bluetooth LED

E. Scan LED

F. Handstrap



G. Wriststrap eyelet

H. iPhone power button

I. Scanner power button

J. Scan button

K. USB-C charging port

L. iPhone volume buttons

Operating Systems



Reading Performance

Default Barcode Symbologies

- **1D Symbologies:** Bookland Ean, Codabar, Code 128, Code 39, Code 93, Ean Jan 13, Ean Jan 8, Gs1 128, Gs1 Databar Expanded, Gs1 Databar Limited, Gs1 Databar Omnidirectional, Interleaved 2 5, Isbt 128 Udi, Trioptic, Upc A, Upc E
- **2D Symbologies:** Aztec, Composite, Data Matrix, Dotcode, Gs1 Data Matrix, Gs1 Qr, Maxicode, Micropdf417, Micro Qr, Pdf417, Qr
- **OCR Typeface:** Ocr A, Ocr B

Learn how to [enable and disable](#) data types.

Supported Barcode Symbologies

- **1D Symbologies:** Code 11, Matrix 2 5, Msi
- **Postal Codes:** Australia Post, Japan Postal, Mailmark, Netherlands Kix, Uk Postal, Us Planet, Us Postnet, Usps 4Cb One Intelligent Mail
- **OCR Typeface:** Micr E13b

Learn how to [enable and disable](#) data types.

0.6 in. to 20 in. (1.5 to 50.8 cm) Depends on barcode size, symbology, label media

Reading Distance	Near		Far
	5 mil Code 39	1.10 in / 2.8 cm	6.54 in / 16.6 cm
	6.67 mil PDF417	0.91 in / 2.3 cm	7.05 in / 17.9 cm
	10 mil DataMatrix	1.22 in / 3.1 cm	7.48 in / 19.0 cm
	13 mil UPC-A	1.50 in / 3.8 cm	20.04 in / 50.9 cm
	15 mil QR	0.59 in / 1.5 cm	11.06 in / 28.1 cm

Reading Distance 2.8 to 91.7 cm (1.1 to 36.1 in.) Depends on barcode size, symbology, label media.

Scan Angle 44.5° (Horizontal) - 33.5° (Vertical)

Sensor Resolution 1280 horizontal x 960 vertical pixels

Print Contrast Down to 25%-20%

Battery Information

Battery Type 1 rechargeable Lithium Ion Polymer

Life per full charge Charge Time : Approx 7.0h

Battery weight 22 g

Percentage lithium 2.64%

mAh 1200

Cells per battery	1
Watts per battery	4.44
Cell type	Battery Pack
Chemical composition	Lithium - polymer
Lithium content	.58 g
Voltage	3.7v
Hazmat UN Number	UN3481, P.I. 967
ROHS Compliance	Yes, on the battery & scanner
Country of origin	China
Commodity code	8507.60.0000

Bluetooth Information

Bluetooth Profiles	• Application Mode - requires a compatible app with Socket Mobile CaptureSDK
Bluetooth Radio	Bluetooth LE
Bluetooth Range	Up to 10 meters (33 ft.), depending on the environment. The range limit is usually due to the Host Device (phone, tablet, or notebook).

Certification & Regulatory



Product SKUs

- **HC2134-3962** - DT862 (iPhone 17e included)
- **CX4679-3960** - DT862 (Not included (data reader only))

