



# D740 DATASHEET DURASCAN®

## Ergonomic, Elegant and Rugged

Built for harsh environments in warehouse, distribution and industrial manufacturing. Stylish enough to be showcased in boutique retail environments.

The DuraScan Model D740 barcode scanner features great ergonomics, fitting perfectly in your hand for comfortable and extended use. Light and small enough to fit in your pocket.

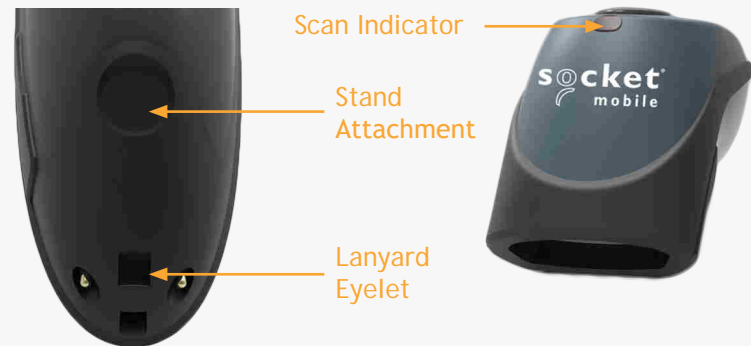


Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch®) and compatible with Android and Windows®.



## Features

- **Bluetooth® Wireless Technology** - Compatible with iOS, Android and Windows mobile devices with long-range Bluetooth connection of 330 feet (100m)
- **Scanning** - Fast 2D & 1D omni-directional barcode scanning with highly visible and safe LED aimer
- **Exceptional ergonomics** - Small, light and fits perfectly in the hand for comfortable use over extended periods of time
- **Long lasting battery** - Power to last over 16 hours
- **Indicators** - Intuitive LEDs, beeps/tones and vibrations let users know battery, Bluetooth connection and scanning status
- **Rugged Design** - Protection rating of IP54 for dust and water splashing protection. Withstands multiple drops to concrete and repeated tumbles.
- **Protective Material** - Made with antimicrobial additives to help protect against harmful bacteria.
- **Basic Mode (default)** - No software installation required when using the scanner in Bluetooth HID mode
- **Application Mode** - Improves business productivity with faster, efficient and reliable data transfer over Bluetooth. Leverage Application Mode functionality by integrating Socket Mobile's SDK in your app.
- **Wearable** - Includes lanyard/ belt clip for convenient access wherever you go
- **Designed and made in the USA**



Default Barcode Symbologies:	AUSTRALIAN POSTAL, AZTEC CODE, BOOKLAND EAN, CODE 39, CODE 128, DATA MATRIX, EAN 8, EAN 13, GS1 128, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, MAXICODE, MICRO QR, QR CODE, UPC A, UPC E (0)
Supported Barcode Symbologies:	AUSTRALIAN POSTAL, AZTEC CODE, BOOKLAND EAN, BPO 4 STATE, BRITISH ROYAL MAIL (BPO), UK POSTAL, CANADA POST, CHINA POST, CHINESE 2 OF 5, Codabar, CODE 11, CODE 32, CODE 39, CODE 39 ASCII (EXTENDED), CODE 39 Trioptic, CODE 93, CODE 128, COMPOSITE CC-C., COMPOSITE TLC-39, DATA MATRIX, DISCRETE 2 OF 5, DUTCH POSTAL, EAN 8, EAN 13, EAN 128, EAN 128 + COMPOSITE, EAN-UCC 128, EAN-UCC COMPOSITE (A,B), EAN-UCC COMPOSITE (C), GS1 128, GS1 128 IRREGULAR, GS1 COMPOSITE CC-A/CC-B, GS1 COMPOSITE CC-C, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, GS1 DATABAR OMNI DIRECTIONAL, GS1 DATABAR STACKED 00012345678905, GS1 DATABAR STACKED OMNI, DIRECTIONAL, HAN XIN, IATA 2 OF 5, INTERLEAVED 2 OF 5, INFOMAIL, INVERSE 1D, ISBT 128, JAPAN POSTAL, KOREAN 3 OF 5, NETHERLANDS KIX CODE, MATRIX 2 OF 5, MAXICODE, MICRO QR, MSI, OCR-A, PDF 417, PDF417MICRO, PLANET, PLESSEY, POSTNET, QR CODE, RSS EXPANDED STACKED (01)98898765432106(3202)012345(15)991231, RSS EXPANDED (01)98898765432106(3202)012345(15)991231, RSS-14, STANDARD 2 OF 5, STRAIGHT 2 OF 5 IATA, STRAIGHT 2 OF 5 INDUSTRIAL, SWEDEN POST, TLC 39, UCC COUPON, UPC A, UPC E (0), UPC E1, UPU FICS POSTAL, US POSTNET, USPS 4CB/ONE CODE/INTELLIGENT MAIL, USPS PLANET
Scan Angle:	42° (Horizontal) - 28° (Vertical)
Sensor Resolution:	640 horizontal x 400 vertical pixels
Print Contrast:	Down to 25%

Reading Distance:

4.5 to 49.5 cm (1.5 to 19.5 in.) Depends on barcode size, symbology, label media, Narrow and Wide ratio, scan angle

## SCANNER TYPE

Technology:	2D/1D Barcode Linear Imager
Light Source:	Hyper Red 660 nm (nanometer) LED
Aimer:	610 nm LED

## BATTERY

Battery:	1400 mAh Lithium - Ion Battery
Charge Time:	6 Hours
Battery Life - Per Full Charge:	Standby time: over 30 hours Active Scan Time: 70,000 scans

# BLUETOOTH (WIRELESS CONNECTION)

Bluetooth Radio:	Class 1 Bluetooth, version 2.1 + EDR (Enhanced Data Rates) with 56-bit data encryption
Bluetooth Range:	Up to 100 m (330 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)*, Application Mode - Serial Port Profile (SPP) and Application Mode - MFi-SPP. Some Operating Systems or smartphone/tablet models may support only one profile. <i>*By default, the scanner is set to Basic Mode (HID).</i>

## PHYSICAL CHARACTERISTICS

Dimensions:	5.2 (L) x 1.5 (W) x 1.6 (H) in (132.2x 37.1 x 40.1 mm)
Weight/Mass:	4.0 oz. (112.5 g)
LEDs:	Scan LED: Green and Red Bluetooth LED: Blue Battery LED: Green, Amber & Red
Buttons:	Trigger Button: Scan Power Button: On/Off (enabled on-screen keyboard)

## USER ENVIRONMENT

Ambient Light:	From 0 to 100 000 lux, From pitch black to direct sun light
Operating Temperature:	-20° to 50° C (-4° to 122° F)
Storage Temperature:	-40° to 70° C (-40° to 158° F)
Relative Humidity:	95% at 60° C (140° F) (non-condensing)
Sealing:	IP54 (Ingress Protection rating for dust and water) EN60529
Drop Specifications:	Multiple 5 ft. drops to concrete
Tumble Specification:	250 cycles at 1.64 ft. (0.5 m) (500 drops), IEC60068-2-31, IEC60068-2-32

## OPERATING SYSTEM COMPATIBILITY

Android OS - Basic Mode (HID)* & Application Mode (SPP)	Mac OS - Basic Mode (HID)* only
Apple iOS - Basic Mode (HID)* & Application Mode (MFi-SPP)	Windows 10, 8, and 7 - Basic Mode (HID)* & Application Mode (SPP)
Compatible with devices supporting Basic Mode (HID)* protocol	Windows Mobile, Embedded Handheld - Basic Mode (HID)* & Application Mode (SPP)

*\*By default the scanner is in Basic Mode (HID).*

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iOS



OS X



## CERTIFICATION & REGULATORY

Bluetooth SIG:	Declaration ID: D030473 QD ID: 82009
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: LUBD750 IC ID: 2925A-D750
LED Safety:	IEC 60825-1, EN 60825-1



Scanner:	Standard one year limited warranty
Accessories:	90 days
Extended Warranty: (sold separately)	<a href="http://www.socketmobile.com/socketcare">www.socketmobile.com/socketcare</a>



## COMMON USES

Retail/Point of Sale	Warehouse management	Transportation
Office use	Shipping & Receiving	Gaming
Healthcare	Field Sales/Service	
Mobile Tracking	Banking	

## SINGLE PACKAGE INCLUDES

- (1) DuraScan D740, 2D/1D Barcode Imager
- (1) Charging Cable
- (1) Lanyard



Utility Gray (SKU# CX3426-1872)  
 Safety Green (SKU# CX3428-1874)  
 Construction Orange (SKU# CX3430-1876)

The D740 is available in 3 colors:

## OPTIONAL ACCESSORIES

Charging Stand  
SKU# AC4076-1538



Great for using Presentation Mode

Durable Retractable Clip  
AC4130-1828



Charging Cradle  
SKU# AC4102-1695



Holster  
AC4131-1829



AC Power Supplies



Wrist Strap  
AC4126-1794



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