



1D Laser
Barcode Scanner



DuraScan® D730 v20

Laser Barcode Scanner

The DuraScan D730 v20 is the latest and improved version of our laser Bluetooth® barcode scanner. Built for mobility, the D730 v20 has been redesigned for improved durability. It is IP54 compliant, ideal for warehousing and manufacturing application customers. In addition, Socket Mobile has added a field-replaceable battery based on customer feedback. The scanner is MFi certified and fully compatible with Android and Windows with Capture SDK versions available.

The D730 has a class 2 laser that scans through plastic or glass, in bright or poor lighting conditions, sideways, upside down, or straight at imperfect barcodes. It features great ergonomics, designed for comfort and extended use; it is light, highly durable and small enough to fit in your pocket. The D730 is fully backwards compatible with prior versions of Socket Mobile's SDK and can be used immediately with any application using native scanning support. To enjoy optimal reliability and performance from the D730 v20, it is recommended that users check with their app provider to ensure they have upgraded to the latest version of Capture SDK.



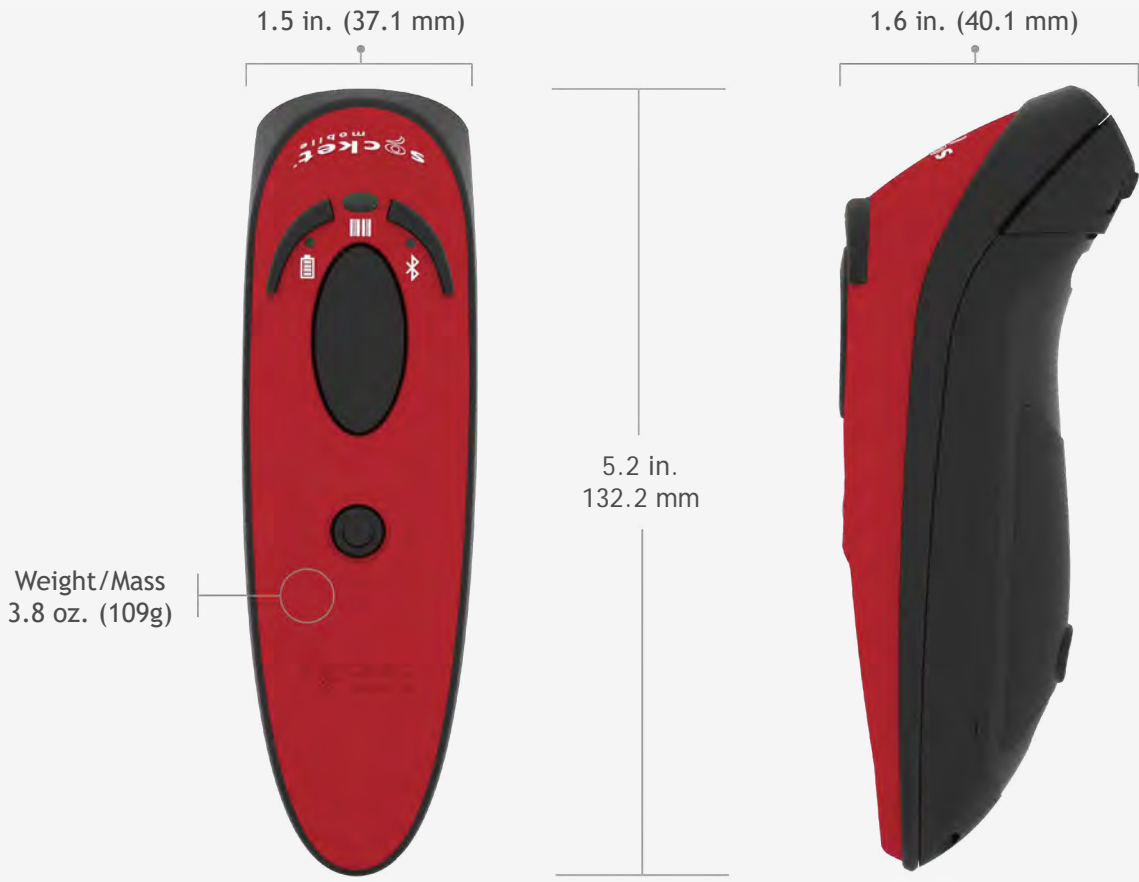
Bluetooth®



Features

- **Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch®) and compatible with Android, Windows®, 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.
- **Bluetooth Wireless Technology** - Dependable Bluetooth connection to iOS, Android and Windows 10 devices. Auto-reconnection maintains connection even in different environments.
- **Exceptional Ergonomics** - Small, light and fits perfectly in the hand for comfortable use over extended periods of time.
- **Long-lasting, Rechargeable, Replaceable Battery** - Power to last over 16 hours.
- **User Indicators** - Intuitive LEDs for Bluetooth connection, battery level and scanning status.
- **User Feedback** - Audible tones and hand pulsation.
- **Rugged Design** - IP54 rating for dust and water splashing; withstands multiple drops to concrete.
- **Compatible with Android and Windows devices and applications**
- **Native App Support** - Socket Mobile's Capture SDK enables easy native app integration in your applications to improve business productivity.
- **Flexible** - 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** - Includes wrist strap. Holster and Durable Retractable Clip available (sold separately).
- **Designed and Assembled in the USA**
- **1-Year Warranty**

PHYSICAL CHARACTERISTICS



SINGLE PACKAGE INCLUDES

- (1) DuraScan D730, 1D Laser Barcode Scanner and Rechargeable Battery (pre-installed)
- (1) Charging Cable
- (1) Wrist Strap
- (1) Get Started insert



Socket Mobile Companion
Download for Free!

The D730 is available in 4 colors:

- Black (SKU# CX3758-2410)
- Gray (SKU# CX3358-1680)
- Red (SKU# CX3738-2390)
- White (SKU# CX3748-2400)

OPTIONAL ACCESSORIES

Charging Stand



Great for using AutoScan Mode

Charging Cradle



Perfect for wall mounting

Charging Dock



Ideal as a desktop charger

Durable Retractable Clip



Provides quick access to scanner

Holster



Safe and accessible placement

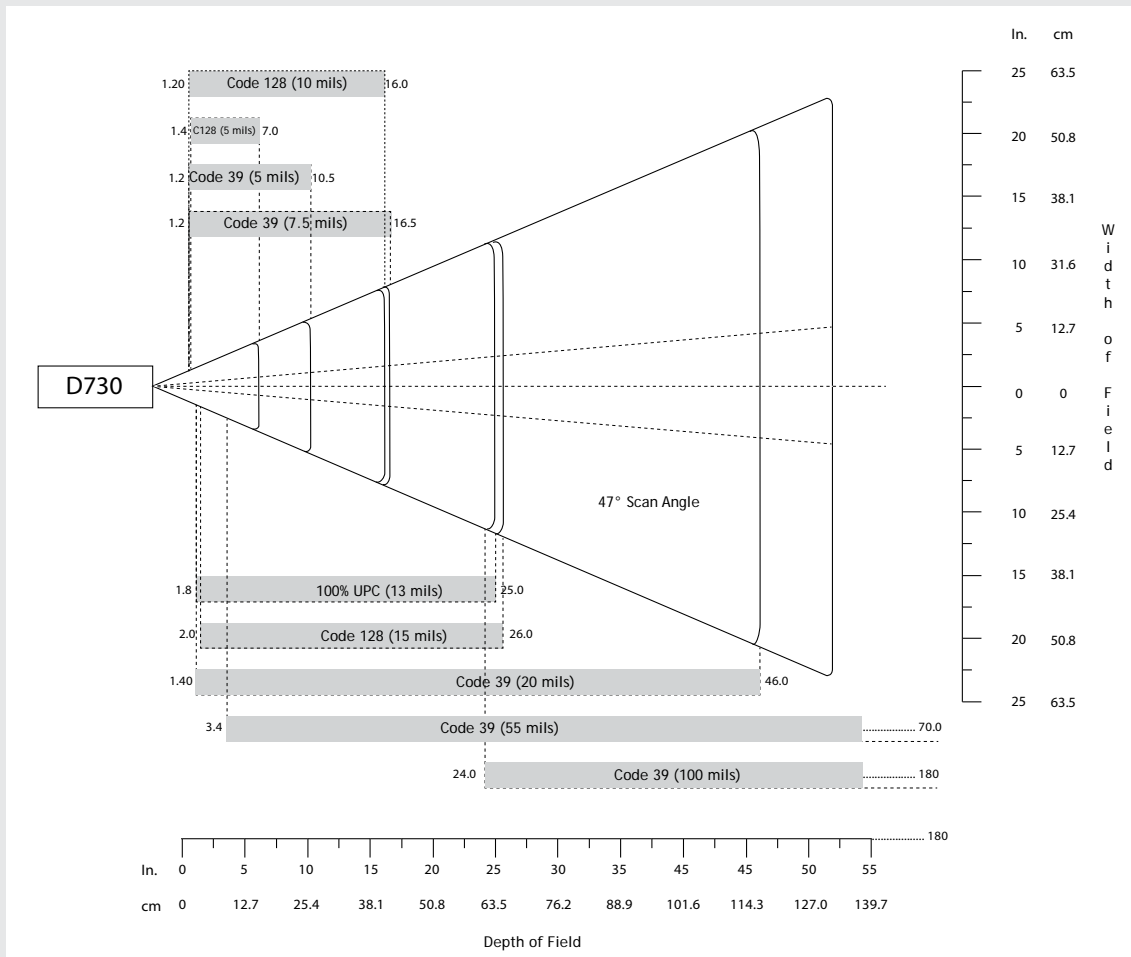
Scanner & Phone Holder



One-handed solution

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

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

Battery Type:	1500 mAh Lithium - Ion Battery
Charge Time:	6 Hours
Battery Life - Per Full Charge:	Standby time: over 26 hours Active Scan Time: 90,000 scans within 9 hours (based on 2 scans every 1 second) 18,000 scans within 21 hours (based on 1 scan every 4 seconds)
Note:	Battery life varies depending on ambient temperature, ambient light, and age of battery. <i>For more battery information click here.</i>
Number of Batteries Used:	1
Weight of Battery:	35g
Percentage Lithium:	26.5%
Battery mAh:	1500 mAh
Number of Cells Per Battery:	1
Watt Hours Per Battery:	5.55
Type of Cell (ex. AA):	Proprietary
Chemical Composition (ex. Alkaline):	Lithium-polymer
Lithium Content:	9.32g
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

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 Basic Mode (HID).</i>

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)
Relative Humidity:	95% at 60° C (140° F) (non-condensing)
Sealing:	IP54 (Ingress Protection rating for dust and water) EN60529
Tumble/Drop Specs:	2,500 tumble cycle (5,000 drops) to concrete at 3.3 ft (1 meter), IEC60068-2-31, IEC60068-2-32

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 - Basic Mode (HID)* and App Mode (SPP)

Compatible with devices supporting Basic Mode (HID)* protocol

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

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

iOS

iPadOS

macOS



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



WARRANTY

Scanner: Standard one year limited warranty

Accessories: 90 days

Extended Warranty: www.socketmobile.com/socketcare
(sold separately)



COMMON USES

Retail/Point of Sale

Warehouse Inventory management

Supply Chain / Proof of Delivery

Asset Tracking

Shipping and Receiving

Field Sales/Service

Healthcare

Commercial Services

Mobile Tracking

socketmobile.com

sales@socketmobile.com

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France: +33 970 462 241

Germany: +41 62 834 07 80

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