DuraScan® D720

Linear Barcode Plus QR Code Scanner

The D720 is a linear barcode & QR Code 1D/2D barcode scanner, able to read 1D and 2D barcodes on paper and screen. The D720 was built for mobility and durability. It is IP54 rated for dust and water, comes with a field-replaceable battery, and withstands multiple drops. Also great for warehousing and manufacturing applications due to the scanning versatility. It is lightweight, ergonomic designed and has a long-lasting battery. The scanner is exceptionally easy to use, with intuitive notifications for battery level, Bluetooth connection, and scanning status. Perfect for inventory, order entry, field service, and other mobile business applications.
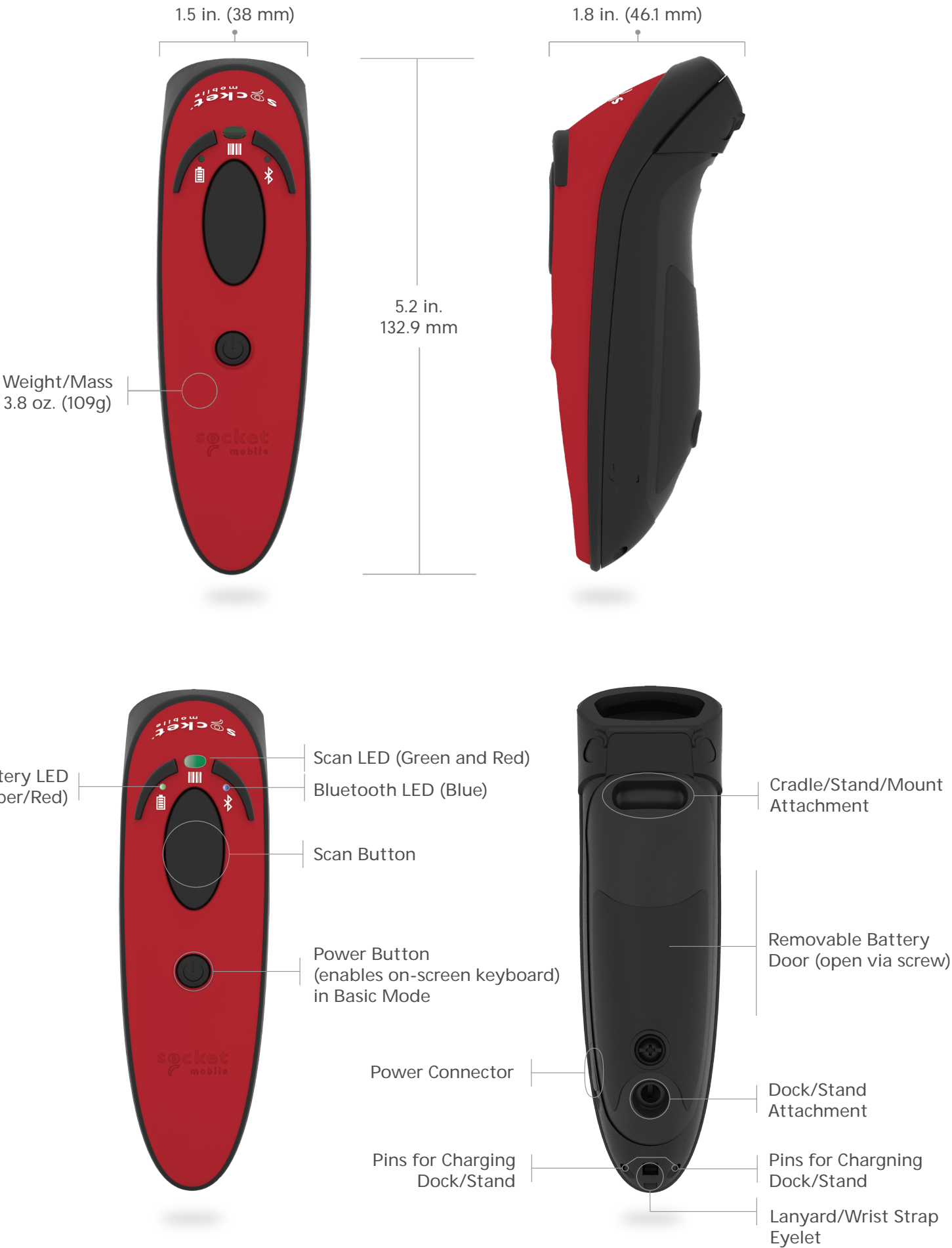
To enjoy optimal reliability and performance from the D720, it is recommended that users check with their app provider to ensure they have upgraded to the latest version of Capture SDK.

Made for iPod iPhone iPad | Android | Windows | Bluetooth®

Features

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

- **Bluetooth Wireless Technology** - Connects easily to a wide range of Bluetooth enabled smartphones, tablets, notebooks and desktop computers.

- **Scanning** — 2D and 1D omni-directional ability barcode scanning with visible and safe LED aimer. Scans on paper or screen.

- **Auto Scan Mode** - Presentation Mode (automatic scanning) provides continuous scanning capabilities without pressing the scan button.

- **Exceptional Ergonomics** — Small, light and fits perfectly in the hand for comfortable use.

- **Long-Lasting, Replaceable, Rechargeable Battery** - Power to last a full workday.

- **User Indicators** — Intuitive LEDs for Bluetooth connection, battery level and scanning status.

- **User Feedback** - Audible tones and pulsation.

- **Rugged Design** — IP54 rating for dust and water splashing; withstands multiple drops to concrete.

- **Developer Support Available** - The Capture SDK is available with subscription.

- **Native App Support** — Socket Mobile's Capture SDK enables easy native app integration in your applications to improve business productivity.

- **Wearable** - Wrist strap included. Optional: Holster and Durable Retractable Clip available.

- **Designed and Assembled in the USA.**

- **1-Year Warranty.**

1.5 in. (38 mm)

1.8 in. (46.1 mm)

5.2 in.
132.9 mm

Weight/Mass
3.8 oz. (109g)

Battery LED
(Green/Amber/Red)

Scan LED (Green and Red)

Bluetooth LED (Blue)

Scan Button

Power Button
(enables on-screen keyboard)
in Basic Mode

Cradle/Stand/Mount
Attachment

Removable Battery
Door (open via screw)

Power Connector

Dock/Stand
Attachment

Pins for Charging
Dock/Stand

Pins for Chargning
Dock/Stand

Lanyard/Wrist Strap
Eyelet

SINGLE PACKAGE INCLUDES

(1) DuraScan D720, Barcode Scanner and Rechargeable Battery (pre-installed)

(1) Charging Cable
(1) Wrist Strap
(1) Get Started insert

The D720 is available in 4 colors:

Color:	SKU#
Black	CX3760-2412
Gray	CX3426-1872
Red	CX3740-2392
White	CX3750-2402

Socket Mobile Companion App Download for easy setup!

Download on the App Store

GET IT ON Google Play

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

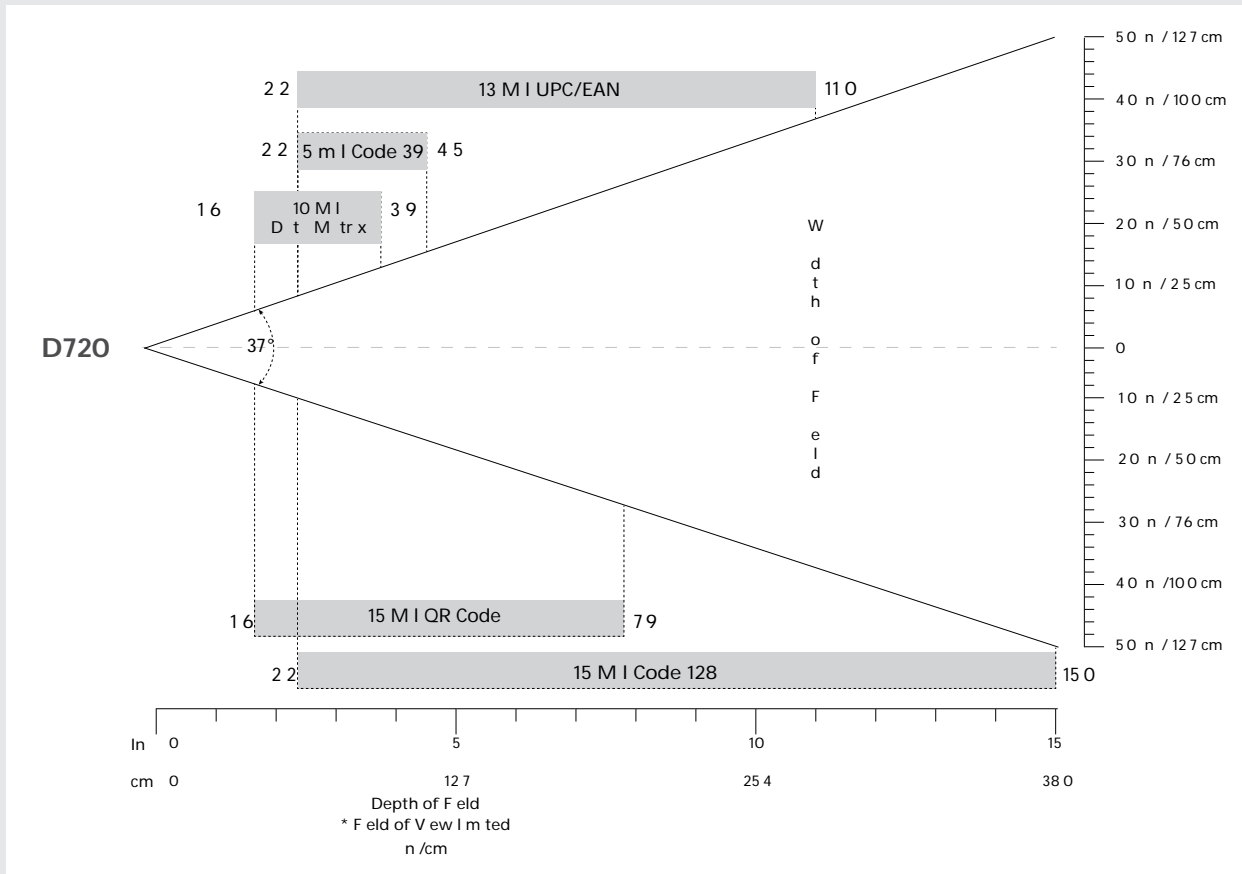|	
Default Barcode Symbologies:	**1D Symbologies:** Codabar, Code 39, Code 93, Code 128, EAN-13, EAN-8, Interleaved 2 of 5, ISBT 128, UPC A, UPC E1 **2D Symbologies:** Data Matrix, Micro QR Code, PDF417, QR Code
Supported Barcode Symbologies:	**1D Symbologies:** Chinese 2 of 5, Codabar, Code 11, Code 16KCode 39, Code 93, Code 128, Discrete 2 of 5, EAN-13, EAN-8, GS1 Databar, Industrial 2 of 5, Interleaved 2 of 5, Matrix 2 of 5, MSI Plessey, UPC A, UPC E1, Standard 2 of 5, UK Plessey **2D Symbologies:** Aztec, Data Matrix, Han Xin, Micro PDF417, Micro QR Code, PDF417, QR Code
Scan Angle:	44.5° (Horizontal) - 33.5° (Vertical)
Sensor Resolution:	1280 horizontal x 960 vertical pixels
Print Contrast:	Down to 25%
Reading Distance:	3.0 to 49.5 cm (1.2 to 19.5 in.) Depends on barcode size, symbology, label media

D720 — 37°

- 13 MIl UPC/EAN: 2.2 – 11.0
- 5 mil Code 39: 2.2 – 4.5
- 10 Mil Dt Mtrx: 1.6 – 3.9
- 15 Mil QR Code: 1.6 – 7.9
- 15 Mil Code 128: 2.2 – 15.0

Width of Field: 50 n / 127 cm, 40 n / 100 cm, 30 n / 76 cm, 20 n / 50 cm, 10 n / 25 cm, 0, 10 n / 25 cm, 20 n / 50 cm, 30 n / 76 cm, 40 n / 100 cm, 50 n / 127 cm

In: 0, 5, 10, 15
cm: 0, 127, 254, 380

Depth of Field
* Field of View limited
in /cm

Decode Ranges

	Near	Far
5 mil Code 39	2.2 in/5.5 cm	4.5 in/11.5 cm
10 mil DataMatrix	1.6 in/4.0 cm	3.9 inc/10.0 cm
13 Mil UPC/EAN	2.2 in/5.5 cm	11.0 in/28.0 cm
15 Mil Code 128	2.2 in/5.5 cm	15.0 in/38.0 cm
15 mil QR Code	1.6 in/4.0 cm	7.9 inc/20.0 cm

SCANNER TYPE

Technology:	2D/1D Barcode Imager
Light Source:	LED
Aimer:	Red

BATTERY

Battery Type:	Replaceable 1400 mAh Lithium - Ion Battery
Charge Time:	6 Hours
Battery Life:	500 charge-discharge cycles
Battery Life - Per Full Charge:	Battery Friendly with standby time: over 20 hours Active Scan Time: 85,000 scans within 9 hours (based on 2 scans every 1 second) 17,000 scans within 19 hours (based on 1 scan every 4 seconds)
Note:	Battery life varies depending on ambient temperature, ambient light and age of battery. *For more battery information https://www.socketmobile.com/support/battery-information.*
Number of Batteries Used:	1
Weight of Battery:	35g
Percentage Lithium:	26.5%
Battery mAh:	1400 mAh
Number of Cell Per Battery:	1
Watt Hours Per Battery:	5.55
Type of Cell (ex.AA):	Proprietary
Chemical Composition (ex. Alkaline):	Lithium-polymer
Lithium Content:	9.32 g
Battery Voltage:	3.7v
Hazmat UN Number:	UN3481, P.I. 967
ROHS Compliance Indicator:	Yes, included with scanner
Battery only - Country of Origin:	China
Commodity Code:	8507.60.0000

WARRANTY

Scanner:	Standard one year limited warranty for barcode scanners
Accessories:	90 days for batteries, charging cable and wrist strap
Extended Warranty: (sold separately)	www.socketmobile.com/socketcare

SocketCare

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

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

USER ENVIRONMENT

Ambient Light:	From 0 to 100 000 lux, From pitch black to direct sun light
Operating Temperature:	0° to 45° C (32° to 113° F)
Storage Temperature:	-5° to 70° C (-22° to 158° F)
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) and App Mode (SPP)	Mac OS and Linux - Basic Mode (HID) only
Apple iOS - Basic Mode (HID) and iOS Application Mode	Windows OS 10 - 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
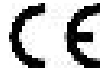
iOS   iPadOS   macOS   🤖   ⊞   🐧

COMMON USES

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

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: T9J-RN42 IC ID: 6514-RN42 Telec: R 201-125799
LED Safety:	IEC 62471, EN 62471 (EXEMPT GROUP)
ISO 9001 Accreditation	

socketmobile.com

Worldwide:	+1 510 933 3000	Asia Pacific:	+1 510 933 3122	Japan:	+8190 9808 0518
North America:	+1 800 552 3300	Germany:	+41 62 834 07 80	Japan (Toll Free):	+81 (800) 9190303
EMEA & Russia:	+41 62 834 07 80	Switzerland:	+41 62 834 07 80	Latin America:	+1-510-933-3153
France:	+33 (801) 840504	Switzerland (Toll Free):	+41 (800) 898003	Taiwan (Toll Free):	+886 00801491497
Malaysia (Toll Free)	+60 (1800) 818234	UK/Ireland/South Africa:	+44 (800) 0487363		

sales@socketmobile.com

sales-japan@socketmobile.com