



2D/1D Imager
Barcode Scanner



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.

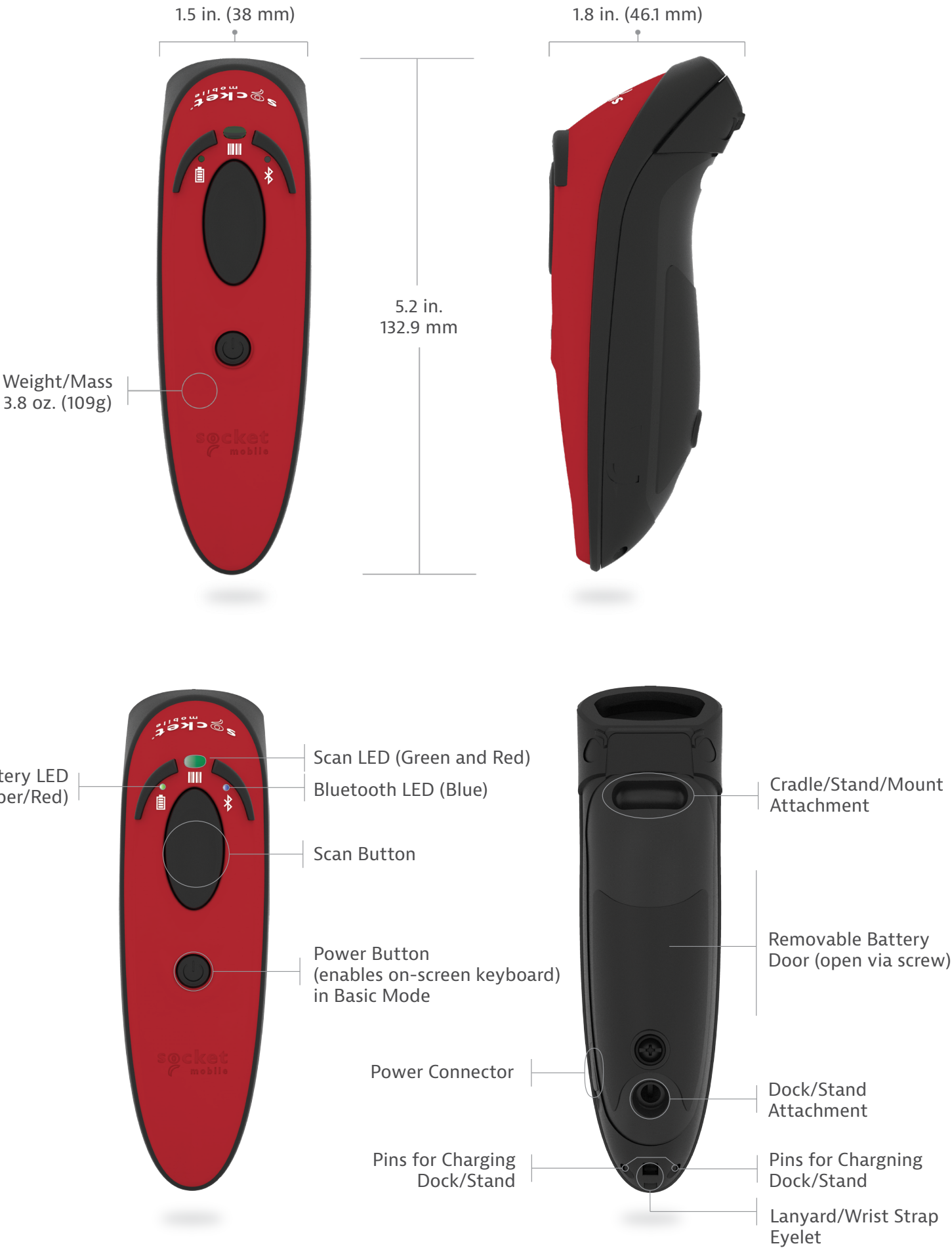
To enjoy optimal reliability and performance from the D720, it is recommended that users check with their app provider to ensure they have upgraded to the latest version of Capture SDK.



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.**

PHYSICAL CHARACTERISTICS





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!

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 16K, Code 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

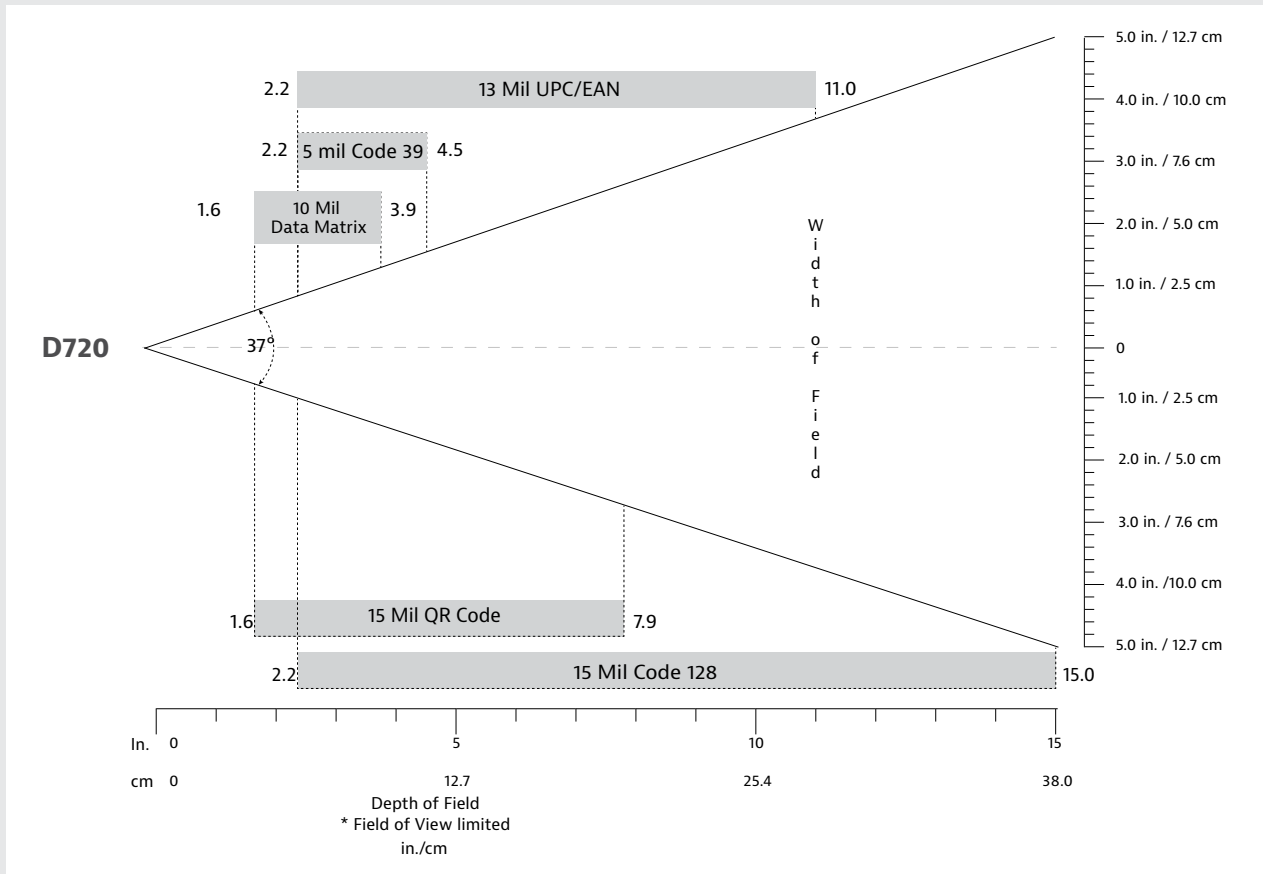
2D Symbologies: Aztec, Data Matrix, Han Xin, Micro PDF417, Micro QR Code, PDF417, QR Code

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



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

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. <i>For more battery information https://www.socketmobile.com/support/battery-information.</i>
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



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. <i>*By default, the scanner is set to iOS Application Mode.</i>

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: ☐ 201-125799
LED Safety:	IEC 62471, EN 62471 (EXEMPT GROUP)
ISO 9001 Accreditation	 



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