

1D Imager Barcode Scanner





DuraScan® D700 v20

Linear Barcode Scanner

The DuraScan D700 v20 (version 2020) is the latest and improved version of our linear Bluetooth® barcode scanner. Built for mobility, the D700 v20 has been completely 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 our Capture SDK enables native app support. The D700 v20 is also fully compatible with Android and Windows with Capture SDK versions available.

The D700 v20 reads all linear 1D barcodes from paper and screen. It features great ergonomics and fits perfectly in your hand. It is designed for comfort and extended use; it is lightweight, highly durable and small enough to fit in your pocket. The D700 v20 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 D700 v20, it is recommended that users check with their app provider to ensure they have upgraded to the latest version of Capture SDK.









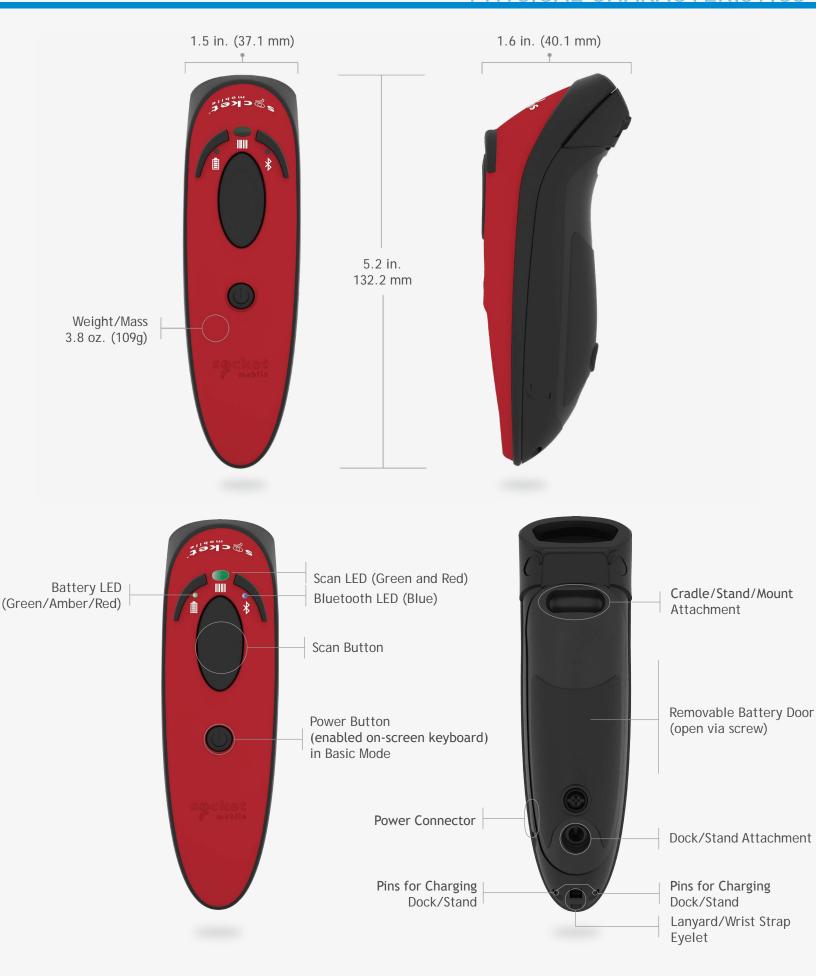






Features

- Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch®) and compatible with Android, Windows®, Mac and Linux.
- Scanning Reads all1D barcodes on paper or screen, quickly and accurately, including most faded and smudged barcodes.
- Bluetooth Wireless Technology Dependable Bluetooth connection to iOS, Android and Windows 10 devices. Auto-reconnection maintains 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.
- Wearable Wrist strap included. Optional: Holster and Durable Retractable Clip available.
- Designed and made in the USA
- 1-Year Warranty
- Developer Support Available



SINGLE PACKAGE INCLUDES

- (1) DuraScan D700, 1D Linear Barcode Scanner and Rechargeable Battery (pre-installed)
- (1) Charging Cable
- (1) Wrist Strap
- (1) Get Started insert

The D700 is available in 4 colors:

Black (SKU# CX3756-2408) Gray (SKU# CX3357-1679) Red (SKU# CX3736-2388) White (SKU# CX3746-2398)











Socket Mobile Companion Download for Free!

OPTIONAL ACCESSORIES



Great for using AutoScan Mode

Durable Retractable Clip

Provides quick access to scanner



Perfect for wall mounting





Scanner & Phone Holder



One-handed solution

SCANNING PERFORMANCE

Default Barcode Symbologies:

Code 39, Code 128, EAN-8, EAN-13, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited,

Interleaved 2 Of 5, ISBT 128, UPC-A, UPC-E, UPC-E1

Supported Barcode Symbologies:

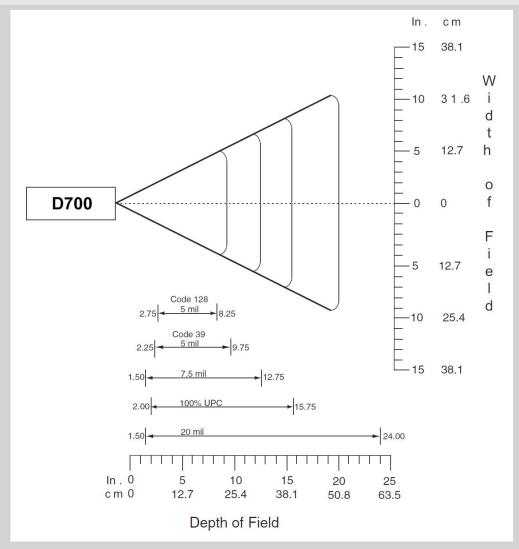
1D Symbologies: Bookland EAN, Chinese 2 of 5, Codabar, Code 11, Code 39, Code 93, Code 128, Discrete 2 Of 5, EAN-8, EAN 13, GS1-128, GS1 Databar, GS1 Databar Expanded, GS1 Databar Limited,

Interleaved 2 Of 5, Inverse 1D, ISBT 128, Matrix 2 Of 5, MSI, UPC-A, UPC-E/E1

Scan Angle: $53.3^{\circ} \pm 3^{\circ}$

Optical Resolution: 5 mil minimum Print Contrast: 20% minimum

Reading Distance:



1D codes 5.7 to 50.8 cm (2.25 to 20 in). Depends on barcode size, symbology, label media

Decode Ranges

	Near	Far	
5 mil Code 39	2.25 in/5.72 cm	8.25 in/21.0 cm	
5 mil Code 128	2.75 in/7.0 cm	9.75 in/24.8 cm	
7.5 mil	1.5 in/3.8 cm	12.75 in/32.39 cm	
100% UPC	2.0 in/5.1 cm	15.75 in/40.01 cm	
20 mil	1.5 in/3.8 cm	24.0 in/61.0 cm	

Technology: 1D Barcode Linear Imager

BATTERY

Battery Type: Lithium Ion Polymer

Charge Time: 6 Hours

Battery Life: Standby time: over 26 hours

Per Full Charge: Active Scan Time: 106,000 scans within 10 hours (based on 2 scans every 1 second) or 17,000

scans within 19 hours (calculation 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 click here.

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

11a2111ac 011 11a111bc1. 0113 101, 1.11. 707

ROHS Compliance Indicator: Yes, included with scanner

Country of Origin: China

Commodity Code: 8507.60.0000

BLUETOOTH (WIRELESS CONNECTION) 8

Bluetooth Radio: Class 2 Bluetooth, version 2.1 + EDR (Enhanced Data Rates) with 56-bit data encryption

Bluetooth Range: Typical range is 10 meters (33 ft.) depending on environment, range limit is usually due to the Host De-

vice (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.

*By default, the scanner is set to Basic Mode (HID).

USER ENVIRONMENT

Ambient Light: From 0 to 100 000 lux

From pitch black to direct sun light

Operating -20° to 50° C (-4° to 122° F)

Temperature:

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: 6 drops to concrete - 1 on each side at 6.6 ft. (2 m)

Tumble Specification: 2,500 cycles at 3.3 ft. (1 m) to metal plate, IEC6008-2-31, IEC60068-2-32

OPERATING SYSTEM COMPATIBILITY

Android OS: Basic Mode (HID)* and 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

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

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

iOS



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: LUBD700 IC ID: 2925A-D700

IEC 60825-1, EN 60825-1 LED Safety:



















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 management	
Office use	Shipping and Receiving	
Healthcare	Field Sales/Service	
Mobile Tracking	Manufacturing	

Latin America: +1 510 933 3153

+1 800 552 3300 (USA/Canada)

Asia Pacific: +1 510 933 3122 +33 970 462 241 +41 62 834 07 80

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