



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.



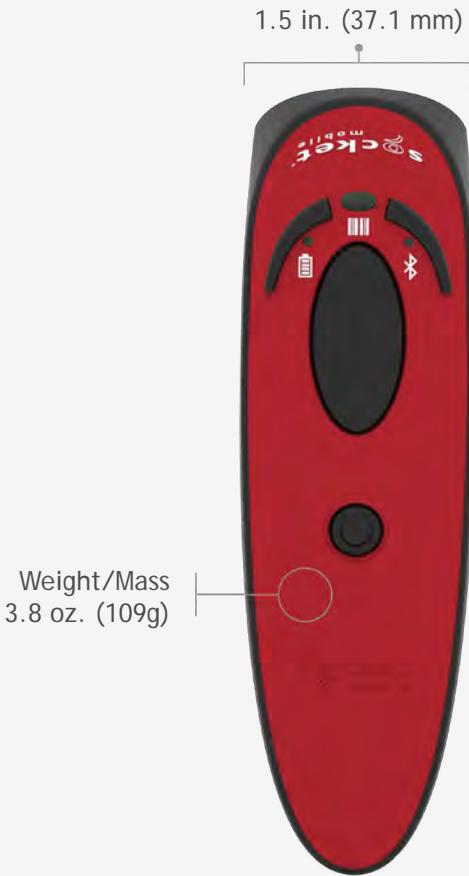
Bluetooth[®]



Features

- **Certified by Apple[®] for iOS devices (iPad[®], iPhone[®], iPod Touch[®]) and compatible with Android, Windows[®], Mac and Linux.**
- **Scanning** - Reads all 1D 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**

PHYSICAL CHARACTERISTICS



Scan LED (Green and Red)
Bluetooth LED (Blue)

Scan Button

Power Button
(enabled 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 Charging
Dock/Stand

Lanyard/Wrist Strap
Eyelet

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



Socket Mobile Companion
Download for Free!

The D700 is available in 4 colors:

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

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



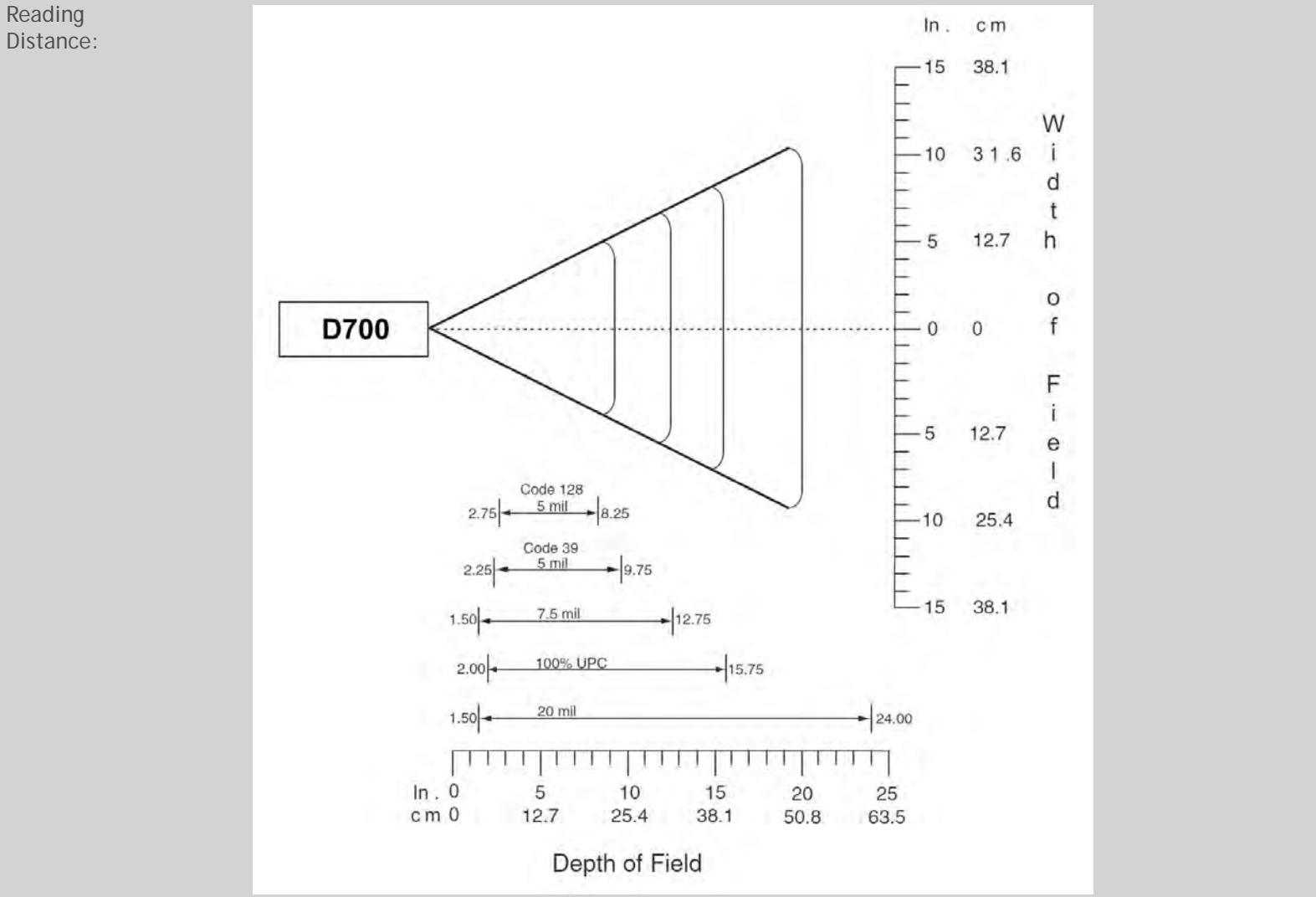
Safe and accessible placement

Scanner & Phone Holder



One-handed solution

Default Barcode Symbologies:	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° ± 3°
Optical Resolution:	5 mil minimum
Print Contrast:	20% minimum



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: Per Full Charge:	Standby time: over 26 hours 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. <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:	Typical range is 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 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:	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

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: LUBD700
IC ID: 2925A-D700

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 management

Office use

Shipping and Receiving

Healthcare

Field Sales/Service

Mobile Tracking

Manufacturing

socketmobile.com

sales@socketmobile.com

Toll-Free: +1 800 552 3300 (USA/Canada)

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EMEA and Russia: +41 62 834 07 80

France: +33 970 462 241

Germany: +41 62 834 07 80

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