



1D Laser  
Barcode Scanner



## D730 DATASHEET **DURASCAN**®

### Ergonomic, Elegant and Rugged

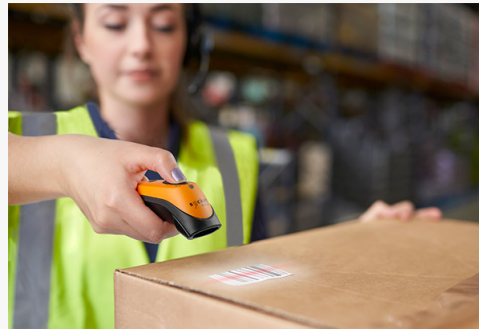
The DuraScan Model D730 barcode scanner is built for harsh environments in warehouses, distribution and industrial manufacturing, yet its style is for showcasing in boutique retail environments.

Fitting comfortably in your hand for extended use, Durascan has best in-class scanning performance, scanning range, application flexibility, reliability and durability.

Designed for mobility and wireless scanning with *Bluetooth*® wireless technology connection up to 330 ft (100 m).



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

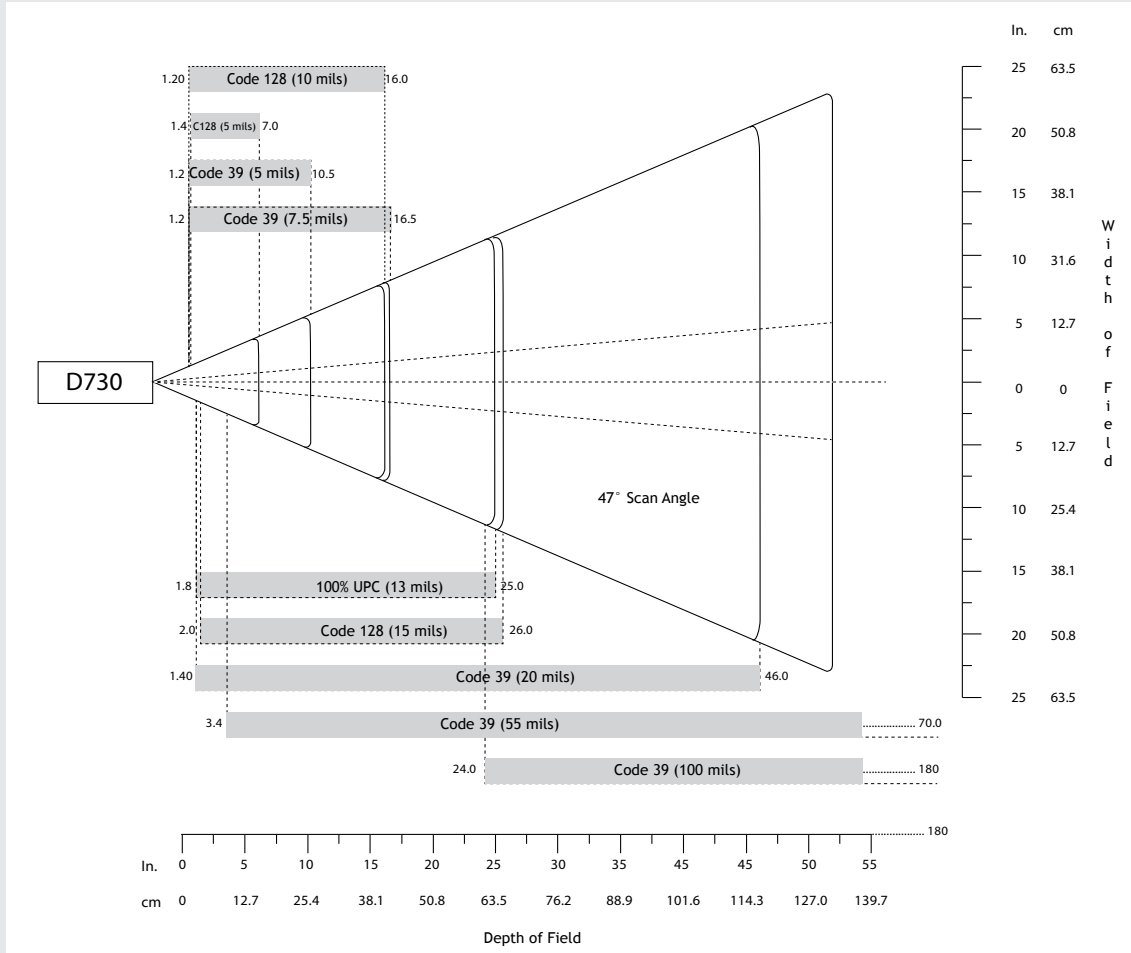


### Features

- **Bluetooth Wireless Technology** - Compatible with iOS, Android and Windows devices with long-range Bluetooth connection of 330 feet (100m)
- **Scanning** - Scan up to 180” with laser scanner
- **High Performance** - Fast, accurate, and easy, captures all 1D barcodes, including damaged or poor quality barcodes
- **Flexible** - Scans barcodes through glass & plastic, in bright sunlight, in dark environments or curved surfaces
- **Long lasting battery** - Power to last up to 16 hours
- **Indicators** - Intuitive LEDs, beeps and vibrations let users know battery, Bluetooth connection and scanning status at a glance
- **Exceptional ergonomics** - Small, light and fits perfectly in the hand for comfortable use over extended periods of time
- **Rugged Design** - Protection rating of IP54 for dust and water splashing protection. Withstands multiple drops to concrete and repeated tumbles.
- **Protective Material** - Made with antimicrobial additives for protection against harmful microbes.
- **Wearable** - Includes lanyard/ belt clip for convenient access wherever you go
- **Designed and made in the USA**

Default Barcode Symbologies:	Australia Post, Code 39, Code 128, EAN-8/JAN, Ean-13/JAN, GS1 Databar Expanded, GS1 DataBar Limited, GS1-128, Interleaved 2 of 5, ISBT 128, UPC A, UPC E0
Supported Barcode Symbologies:	Australia Post, Bookland EAN, Chineses 2 of 5, Codabar, Code 11, Code 39, 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, Korean 3 of 5, Matrix 2 of 5, MS1, UPC A, UPC E0
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 & barcode size, symbology, label media, Narrow and Wide ratio scan angle

## SCANNER TYPE

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:	1400 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.

Bluetooth Radio:	Class 1 Bluetooth, version 2.1 + EDR (Enhanced Data Rates) with 56-bit data encryption
Bluetooth Range:	Up to 100 m (330 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 Application 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).

## PHYSICAL CHARACTERISTICS



### Intuitive LED Indicators

- Battery LED: Green, Amber & Red
- Bluetooth LED: Blue
- Scan LED: Green and Red

Weight/Mass  
• 4.0 oz. (112.5 g)



Ambient Light:	From 4,800 to 86,000 lux From artificial indoor (fluorescent & 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
Drop Specifications:	Multiple 5 ft. drops to concrete
Tumble Specification:	250 cycles at 1.64 ft. (0.5 m) (500 drops), IEC60068-2-31, IEC60068-2-32

## OPERATING SYSTEM COMPATIBILITY

Android OS - Basic Mode (HID)* & Application Mode (SPP)	Mac OS - Basic Mode (HID)* only
Apple iOS - Basic Mode (HID)* & Application Mode (MFi-SPP)	Windows OS - 10, 8, and 7 - Basic Mode (HID)* & Application Mode (SPP)
Compatible with devices supporting Basic Mode (HID)* protocol	
<i>*By default the scanner is in Basic Mode (HID)</i>	
<i>Supported keyboard languages - English, French, German and Spanish</i>	

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



## 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

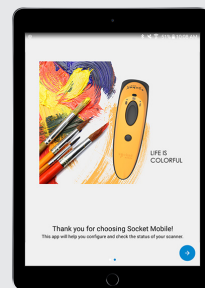
Scanner:	Standard one year limited warranty
Accessories:	90 days
Extended Warranty: (sold separately)	<a href="http://www.socketmobile.com/socketcare">www.socketmobile.com/socketcare</a>



## COMMON USES

Retail/Point of Sale	Warehouse Inventory management	Supply Chain / Proof of Delivery
Asset Tracking	Shipping & Receiving	Field Sales/Service
Healthcare	Commercial Services	Mobile Tracking

- (1) DuraScan D730, Class 2 Laser Barcode Scanner
- (1) Charging Cable
- (1) Durable Lanyard
- (1) Get Started Insert



Socket Mobile Companion  
Download for Free!

The D730 is available in 3 colors:

- Utility Gray (SKU# CX3358-1680)
- Safety Green (SKU# CX3376-1769)
- Construction Orange (SKU# CX3378-1771)

## OPTIONAL ACCESSORIES

Charging Stand  
SKU# AC4076-1538



Great for using Presentation Mode

Charging Cradle  
SKU# AC4102-1695



Perfect for wall mounting

Universal Charging Dock  
SKU# AC4133-1871



Ideal as a desktop charger

Durable Retractable Clip  
AC4130-1828



Provides quick access to scanner

Holster  
AC4131-1829



Safe and accessible placement

Lanyard - Black  
SKU# AC4100-1692



Great for hanging around your neck

socketmobile.com

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