



## 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).

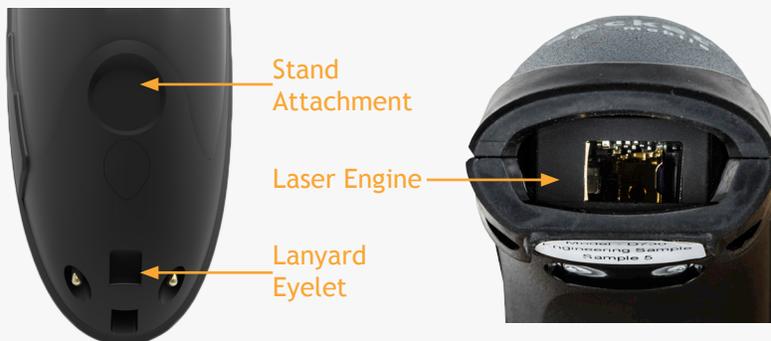


Certified by Apple® for iOS devices (iPad®, iPhone®, iPod Touch®) and compatible with Android and Windows®.

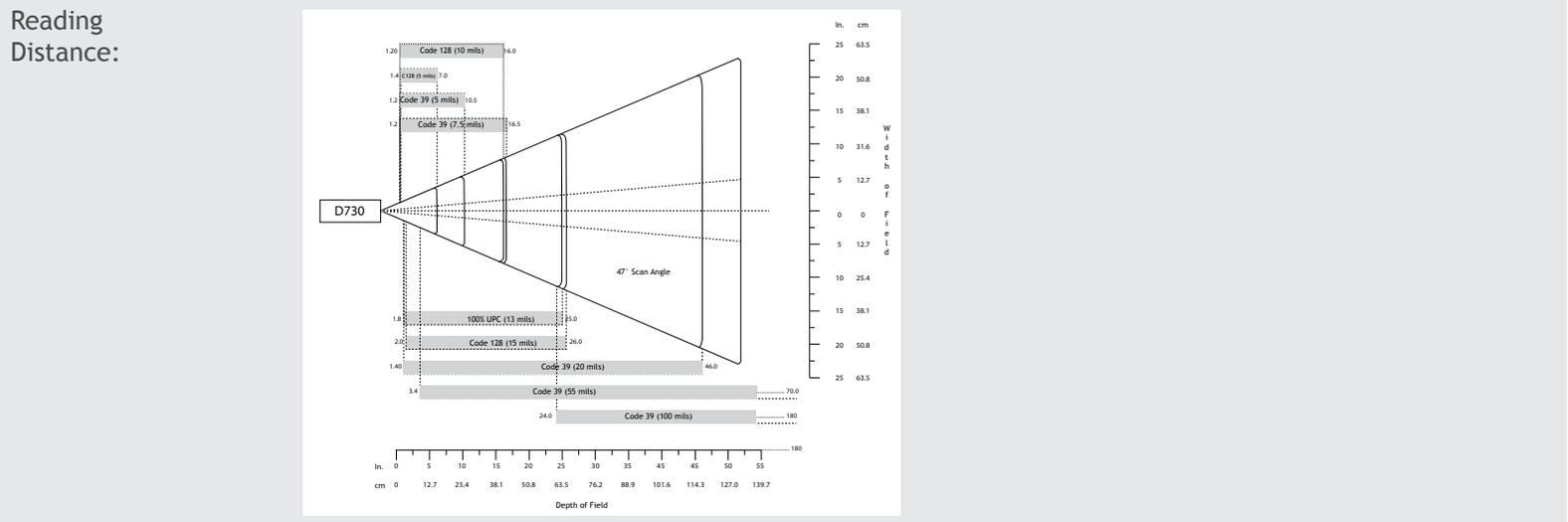


### Features

- Certified by Apple® for iOS devices - Guaranteed Compatibility
- **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 over two 8-hour shifts
- **User feedback** - audible tones, hand vibration and intuitive LED indicators
- **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.
- **Basic Mode (default)** - No software installation required when using the scanner in Bluetooth HID mode
- **Application Mode** - Improves business productivity with faster, efficient and reliable data transfer over Bluetooth. Leverage Application Mode functionality by integrating Socket Mobile's SDK in your app.
- **Wireless (Bluetooth)** - Scanning for iOS, Android and Windows mobile devices with long-range Bluetooth connection of 330 feet (100m)
- **Wearable** - Includes lanyard/ belt clip for convenient access wherever you go
- **Designed and made in the USA**



Default Barcode Symbologies:	AUSTRALIAN POSTAL, CODE 39, CODE 128,EAN 8,EAN 13,EAN 128, GS1 128,GS1 DATABAR,GS1 DATABAR EXPANDED STACKED,GS1 DATABAR EXTENDED,GS1 DATABAR LIMITED ,INTERLEAVED 2 OF 5, ISBT 128, UPC A,UPC E (0)
Supported Barcode Symbologies:	AUSTRALIAN POSTAL, BOOKLAND EAN, CHINESE 2 OF 5, Codabar, CODE 11, CODE 32, CODE 39,CODE 39 ASCII (EXTENDED),CODE 39 Trioptic,CODE 49,CODE 93,CODE 128,EAN 8,EAN 13,EAN 128,EAN-UCC 128,GS1 128,GS1 DATABAR,GS1 DATABAR EXPANDED STACKED,GS1 DATABAR EXTENDED,GS1 DATABAR LIMITED,GS1 DATABAR OMNI DIRECTIONAL, GS1 DATABAR STACKED 00012345678905”,GS1 DATABAR STACKED OMNI DIRECTIONAL,INTERLEAVED 2 OF 5,ISBT 128,KOREAN 3 OF 5,MATRIX 2 OF 5,MSI ,RSS EXPANDED STACKED (01)98898765432106(3202)012345(15)991231, RSS EXPANDED STACKED (01)98898765432106(3202)012345(15)991231, RSS-14,STANDARD 2 OF 5,UPC A,UPC E (0), UPC E1
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



1D codes 3.05 to 457.2 cm (1.2 in to 180 in)  
 Depends on width & barcode size, symbology, label media, W-N 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) or 18,000 scans within 21 hours (calculation based on 1 scan every 4 seconds) <i>Note: Battery life varies depending on ambient temperature, ambient light, and age of battery.</i>

## BLUETOOTH (WIRELESS CONNECTION)

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. <i>*By default, the scanner is set to Basic Mode (HID).</i>

# PHYSICAL CHARACTERISTICS

Dimensions:	5.2 (L) x 1.5 (W) x 1.6 (H) in (132.2x 37.1 x 40.1 mm)
Weight/Mass:	4.0 oz. (113.5g)
LEDs:	Scan LED: Green and Red Bluetooth LED: Blue Battery LED: Green, Amber & Red
Buttons:	Trigger Button: Scan Power Button: On/Off (enabled on-screen keyboard)

# USER ENVIRONMENT

Ambient Light:	From 4,800 to 86,000 lux From artificial indoor (fluorecent & 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 10, 8, and 7 - Basic Mode (HID)* & Application Mode (SPP)
Compatible with devices supporting Basic Mode (HID)* protocol	Windows Mobile, Embedded Handheld - Basic Mode (HID)* & Application Mode (SPP)

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

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iOS



OS X



# 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>



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

## SINGLE PACKAGE INCLUDES

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



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

The D730 is available in 3 colors:

## OPTIONAL ACCESSORIES

Charging Stand\* SKU# AC4076-1538



\*This accessory is also compatible with Series 7 Scanners

Charging Cradle SKU# AC4102-1695



AC Power Supplies



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