

1 Dimensional Laser Scanner – Used to scan 1D barcodes, great for fast scanning with angles or distance, through glass/plastic, on curved reflective surfaces, in bright sunlight or other sensitive lighting conditions. But, lasers cannot scan codes on a digital screen (i.e. computer or mobile phone).

Laser barcode scanners are similar to linear imager scanners in that they only read 1D barcodes. Laser scanners are good at scanning fast, increasing accuracy by reading poorly printed or damaged barcodes.



	DuraScan® 700 Series D730	SocketScan® 700 Series S730
Scanner Model:	D730	S730
Scanner Type	1D Class 2 Laser	1D Class 2 Laser
Height	1.6"	1.6"
Width	1.5"	1.5"
Length	5.2"	5.2"
Weight	3.8 oz	4.0 oz
Scan LED	Red and Green	Red and Green
Bluetooth LED	Blue	Blue
Battery LED	Green, Amber & Red	Green, Amber & Red
On screen scanning	No	No
Ambient Light	From 4,800 to 86,000 lux From artificial indoor (fluorescent & incandescent) to natural outdoor lighting (direct sunlight)	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)	-20° to 50° C (-4° to 122° F)
Storage Temperature	-40° to 70° C (-40° to 158° F)	-40° to 70° C (-40° to 158° F)
Relative Humidity	95% at 60° C (140° F) (non-condensing), 4 days	95% at 60° C (140° F) (non-condensing), 4 days
Sealing: (Ingress Protection rating for dust and water) EN60529	IP54	IP40
Drop Specification	6 drops to concrete - 1 on each side at 6.6 ft. (2 m)	4 ft. drop to linoleum
Tumble Specification	2,500 cycles at 3.3 ft. (1 m) to metal plate, IEC 60068-2-31, IEC 60068-2-32	N/A
Scan Angle	Wide: 47° (Default) Medium: 35° Narrow: 10°	Wide: 47° (Default) Medium: 35° Narrow: 10°
Optical Resolution	0.005 in. Minimum element width	0.005 in. Minimum element width
Print Contrast:	Minimum 25% absolute dark/light Reflectance measured at 650 nm	Minimum 25% absolute dark/light Reflectance measured at 650 nm
Reading Distance: (Depends on width & barcode size, symbology, label media, Narrow and Wide ratio scan angle)	1D codes 3.05 to 457.2 cm (1.2 in to 180 in)	1D codes 3.05 to 457.2 cm (1.2 in to 180 in)
Supported 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	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
Battery Type	1400 mAh Lithium - Ion Battery	2 rechargeable, 2000 mAh (LR6) NiMH (replaceable battery)
Charge Time	6 Hours	6 hours
Standby Time	26 hours	20 hours
Active Scan Time: (Battery life varies depending on ambient temperature, ambient light and age of battery.)	90,000 scans within 9 hours (based on 2 scans every 1 second) or	100,000 scans within 9 hours (based on 2 scans every 1 second) or
Bluetooth Radio	Class 1 Bluetooth, version 2.1 + EDR (Enhanced Data Rates) with 56-bit data encryption	Class 2 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)	Up to 10 m (33 ft.) depending on environment, range limit is usually due to the Host Device (phone, tablet or notebook)
Bluetooth Profiles: *By default, the scanner is set to Basic Mode (HID).	Basic Mode - Human Interface Device (HID)*, Application Mode - Serial Port Profile (SPP) and Application Mode - MFi-SPP. Some Operating Systems or smartphone/tablet models	Basic Mode - Human Interface Device (HID)*, Application Mode - Serial Port Profile (SPP) and Application Mode - MFi-SPP. Some Operating Systems or smartphone/tablet models
Bluetooth SIG:	Declaration ID: D030473 QD ID: 82009	Declaration ID: D030473 QD ID: 82009
Electrical Safety	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2
Environmental	RoHS EN 50581	RoHS EN 50581
EMI/RFI:	FCC Part 15 Class C, RSS 210, ICES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELEC FCC ID: LUBD730 IC ID: 2925A-D730	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: R 201-125799
LED Safety	IEC 60825-1, EN 60825-1	IEC/EN 62471 (EXEMPT GROUP)
Warranty	Standard one year limited warranty	Standard one year limited warranty
Extended Warranty	Sold separately	Sold separately
User Replacement Battery	Field Replaceable battery available	2 rechargeable, 2000 mAh (LR6) NiMH (replaceable battery)
How to Buy:	Worldwide Australia Europe Japan United Kingdom	Worldwide Australia Europe Japan United Kingdom
(MSRP) List Price:	\$449	\$329