








1D Linear Selection Guide

Linear Imager - Used to scan the most commonly used 1D barcodes printed on labels or displayed on device screens. Ideal for retail point of sale, inventory management, sales order entry, asset tracking, field service or other mobile scanning applications.

Linear imager scanners are similar to lasers in that they only read 1D barcodes. Imager scanners take a picture of the barcode and then analyzes the image to extract the information from the code. Linear imagers are good at reading poorly printed or damaged codes. If you don't need the specific features of a laser scanner, the linear imager is comparable to lasers in performance and functionality at a lower cost.

					
	DuraScan® 700 Series	DuraScan® 800 Series	DuraSled® 800 Series	SocketScan® 700 Series	SocketScan® 800 Series
Scanner Model:	D700	D800	D5800	S700	S800
Scanner Type:	1D Linear Imager	1D Linear Imager	1D Linear Imager	1D Linear Imager	1D Linear Imager
Height:	1.6"	0.66	Varies depending on the size of the phone	1.6"	0.52"
Width:	1.5"	2.37"		1.5"	2.12"
Length:	5.2"	4.2"		5.2"	3.42"
Weight:	3.8 oz.	2.52 oz		4.0 oz.	1.7 oz
Scan LED:	Green & Red	Green & Red	Green & Red	Green & Red	Green
Bluetooth LED:	Blue	Blue	Blue	Blue	Blue
Battery LED:	Green, Amber & Red	Green & Red	Green & Red	Green, Amber & Red	Green & Red
On screen scanning:	Yes	Yes	Yes	Yes	Yes
Ambient Light:	From 0 to 100 000 lux From pitch black to direct sun light	From 0 to 100 000 lux From pitch black to direct sun light	From 0 to 100 000 lux From pitch black to direct sun light	From 0 to 100 000 lux From pitch black to direct sun light	From 0 to 100 000 lux From pitch black to direct sun light
Operating Temperature:	-20° to 50° C (-4° to 122° F)	-20° to 50° C (-4° to 122° F)	-20° to 50° C (-4° to 122° F)	0° to 45° C (32° to 113° F)	+32 to +122°F (0 to +50°C)
Storage Temperature:	-40° to 70° C (-40° to 158° F)	-40° to 70° C (-40° to 158° F)	-40° to 70° C (-40° to 158° F)	-40° to 70° C (-40° to 158° F)	-22 to +158°F (-30 to +70°C)
Relative Humidity:	95% at 60° C (140° F) (non-condensing)	95% at 60° C (140° F) (non-condensing)	95% at 60° C (140° F) (non-condensing)	95% at 60° C (140° F) (non-condensing)	5% to 95% non-condensing
Sealing: (Ingress Protection rating for dust and water)	IP54	IP40 (5% to 95% non-condensing)	IP40 (5% to 95% non-condensing)	IP40 (5% to 95% non-condensing)	IP40 (5% to 95% non-condensing)
Drop Specification:	6 drops to concrete - 1 on each side at 6.6 ft. (2 m)	Multiple drops to vinyl covered concrete at 3 feet or 1 meter	Multiple drops to vinyl covered concrete at 3 feet or 1 meter	4 ft. to linoleum	Multiple 3.3 ft (1 m) drops to vinyl covered concrete
Tumble Specification:	2,500 cycles at 3.3 ft (1 m) to metal plate, IEC6008-2-31, IEC60068-2-32	N/A	N/A	N/A	N/A
Scan Angle:	53.3° ± 3°	53.3° ± 3°	53.3° ± 3°	53.3° ± 3°	53.3° ± 3°
Optical Resolution:	5 mil minimum	5 mil minimum	5 mil minimum	5 mil minimum	5 mil minimum
Print Contrast:	20% (minimum)	20% (minimum)	20% (minimum)	20% (minimum)	20% (minimum)
Reading Distance: (Depends on symbol size, symbology, label media, W-N ratio scan angle)	1D codes 5.7 to 50.8 cm (2.25 to 20 in.) Resolution	1D codes 5.7 to 50.8 cm (2.25 to 20 in.) Resolution	1D codes 5.7 to 50.8 cm (2.25 to 20 in.) Resolution	1D codes 5.7 to 50.8 cm (2.25 to 20 in.) Resolution	1D codes 5.7 to 50.8 cm (2.25 to 20 in.) Resolution
Default Barcode Symbologies:	CODE 39, CODE 128, EAN 8, EAN 13, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, UPC A, UPC E (0)	CODE 39, CODE 128, EAN 8, EAN 13, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, UPC A, UPC E (0)	CODE 39, CODE 128, EAN 8, EAN 13, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, UPC A, UPC E (0)	CODE 39, CODE 128, EAN 8, EAN 13, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, UPC A, UPC E (0)	CODE 39, CODE 128, EAN 8, EAN 13, 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 1D Symbologies:	BOOKLAND EAN, Codabar, CODE 39, CODE 39 ASCII (EXTENDED), CODE 39 Trioptic, CODE 93, CODE 128, DISCRETE 2 OF 5, EAN 8, EAN 13, EAN 128, EAN 128 + COMPOSITE, EAN-UCC 128, GS1 128, GS1 DataBar-14, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, KOREAN 3 OF 5, MATRIX 2 OF 5, MSI, PLESSEY, RSS EXPANDED STACKED, RSS-14, TELEPEN, UPC A, UPC E (0), UPC E1	BOOKLAND EAN, Codabar, CODE 39, CODE 39 ASCII (EXTENDED), CODE 39 Trioptic, CODE 93, CODE 128, DISCRETE 2 OF 5, EAN 8, EAN 13, EAN 128, EAN 128 + COMPOSITE, EAN-UCC 128, GS1 128, GS1 DataBar-14, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, KOREAN 3 OF 5, MATRIX 2 OF 5, MSI, PLESSEY, RSS EXPANDED STACKED, RSS-14, TELEPEN, UPC A, UPC E (0), UPC E1	BOOKLAND EAN, Codabar, CODE 39, CODE 39 ASCII (EXTENDED), CODE 39 Trioptic, CODE 93, CODE 128, DISCRETE 2 OF 5, EAN 8, EAN 13, EAN 128, EAN 128 + COMPOSITE, EAN-UCC 128, GS1 128, GS1 DataBar-14, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, KOREAN 3 OF 5, MATRIX 2 OF 5, MSI, PLESSEY, RSS EXPANDED STACKED, RSS-14, TELEPEN, UPC A, UPC E (0), UPC E1	BOOKLAND EAN, Codabar, CODE 39, CODE 39 ASCII (EXTENDED), CODE 39 Trioptic, CODE 93, CODE 128, DISCRETE 2 OF 5, EAN 8, EAN 13, EAN 128, EAN 128 + COMPOSITE, EAN-UCC 128, GS1 128, GS1 DataBar-14, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, KOREAN 3 OF 5, MATRIX 2 OF 5, MSI, PLESSEY, RSS EXPANDED STACKED, RSS-14, TELEPEN, UPC A, UPC E (0), UPC E1	BOOKLAND EAN, Codabar, CODE 39, CODE 39 ASCII (EXTENDED), CODE 39 Trioptic, CODE 93, CODE 128, DISCRETE 2 OF 5, EAN 8, EAN 13, EAN 128, EAN 128 + COMPOSITE, EAN-UCC 128, GS1 128, GS1 DataBar-14, GS1 DATABAR, GS1 DATABAR EXPANDED STACKED, GS1 DATABAR EXTENDED, GS1 DATABAR LIMITED, INTERLEAVED 2 OF 5, ISBT 128, KOREAN 3 OF 5, MATRIX 2 OF 5, MSI, PLESSEY, RSS EXPANDED STACKED, RSS-14, TELEPEN, UPC A, UPC E (0), UPC E1
Battery Type:	1400 mAh Lithium - Ion Battery			2 rechargeable, 2000 mAh (LR6) NiMH (replaceable battery)	1400 mAh Lithium - Ion Battery
Charge Time:	6 Hours	4 Hours	4 Hours	6 Hours	4 Hours
Standby Time:	26 hours	21 hours	21 hours	20 hours	21 hours
Active Scan Time: (Battery life varies depending on ambient temperature, ambient light and age of battery.)	106,000 scans within 10 hours (based on 2 scans every 1 second) or 17,000 scans within 19 hours (based on 1 scan every 4 seconds)	49,000 scans within 4 hours (based on 2 scans every 1 second) or 8,000 scans within 9 hours (based on 1 scan every 4 seconds)	49,000 scans within 4 hours (based on 2 scans every 1 second) or 8,000 scans within 9 hours (based on 1 scan every 4 seconds)	80,000 scans within 9 hours (based on 2 scans every 1 second) or 7,000 scans within 7 hours (based on 1 scan every 4 seconds)	49,000 scans within 4 hours (based on 2 scans every 1 second) or 8,000 scans within 9 hours (based on 1 scan every 4 seconds)
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	Class 2 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	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)	Up to 10 m (33 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)	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 may support only one profile.	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.	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.	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.	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.
Bluetooth SIG:	Declaration ID: D030473 QD ID: 82009	Declaration ID: D030473 QD ID: 82009	Declaration ID: D030473 QD ID: 82009	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	Certified to IEC 60950-1, UL 60950-1, CAN/CSA C22.2	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	RoHS EN 50581	RoHS EN 50581	RoHS EN 50581
EMC/RFI:	FCC Part 15 Class C, RSS 210, ICES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELECOM	FCC Part 15 Class C, RSS 210, ICES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELECOM	FCC Part 15 Class C, RSS 210, ICES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELECOM	FCC Part 15 Class C, RSS 210, ICES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELECOM	FCC Part 15 Class C, RSS 210, ICES 003, C-Tick, CISPR 22, CE EN55022, EN55024, TELECOM
LED Safety:	IEC 60825-1, EN 60825-1	IEC 60825-1, EN 60825-1	IEC 60825-1, EN 60825-1	IEC/EN 62471 (EXEMPT GROUP)	IEC 60825-1, EN 60825-1
Warranty:	Standard one year limited warranty	Standard one year limited warranty	Standard one year limited warranty	Standard one year limited warranty	Standard one year limited warranty
Extended Warranty:	Sold separately	Sold separately	Sold separately	Sold separately	Sold separately
User Replacement Battery:	Field Replaceable battery available	The unit needs to be sent in to Socket Mobile for service. Please submit an online ticket and request for Return Merchandise Authorization(RMA).	The unit needs to be sent in to Socket Mobile for service. Please submit an online ticket and request for Return Merchandise Authorization(RMA).	2 rechargeable, 2000 mAh (LR6) NiMH (replaceable battery)	The unit needs to be sent in to Socket Mobile for service. Please submit an online ticket and request for Return Merchandise Authorization(RMA).
How to Buy:	Worldwide Australia Europe Japan United Kingdom	Worldwide Australia Europe Japan United Kingdom	Worldwide Australia Europe Japan United Kingdom	Worldwide Australia Europe Japan United Kingdom	Worldwide Australia Europe Japan United Kingdom
(MSRP) List Price:	\$349	\$279	\$299	\$229	\$229