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SCANTECH ID

Scanner Series 700

Industrial-Type Barcode Scanner



The scanners of 700 Series are designed specifically for the retail market. The ergonomic and modern design of the gun type barcode scanners IG700, LG700, LG710 and SG700 will enhance the workflow easily.

The dual field optical platform of these scanners allows users to scan both, scanning in the wide area field (wide codes) and the high density field (small codes).

The exchangeable cable option (interfaces) and bluetooth feature makes the series 700 one of the most flexible ones for different adoptions.

The 700 scanner series comes with protection class IP54 which ensures a long life even in rough environments.

Special Features:

Support 1D/2D barcode scanning

Optimal image sensitivity and dynamic range

Dual field optical platform

IP54 (water and dust resistant)

Interfaces: RS232, KB, USB

Read most commonly used bar code symbologies

Optional:

Bluetooth

700 Series

Technical data

Item	IG700	SG700	LG700	LG710
Light Source	Visible Red light 650nm + 20nm	Visible Red light 635nm LED	Laser Diode 650 ± 10 nm	Laser Diode 650 ± 10 nm
Sensor Linear		CCD Sensor	Photo Sensor Diode	Photo Sensor Diode
Resolution	1280 x 960 px, 256 gray levels	4mil/0.1mm@PCS90%	4mil/0.1mm@PCS90%	5mil/0.127mm@PCS90%, Code39
Ambient Light	Sunlight: 9,000ft / Candles: 96,000 Lux Max.	10,000 Lux Max.	10,000 Lux Max.	5000 Lux Max.
Voltage	DC +5V 5%	DC +5V 5%	DC +5V 5%	DC +5V 5%
Power Consumption	Standby: 80 mA Operating: 420 mA	Standby: 50 mA Operating: 150 mA	Standby: 190 mA Operating: 230 mA	Standby: 45 mA Operating: 65 mA
Reading Indicator	Green = good read	Green = good read	Green = good read	Green = good read
Scan Rate	56 images/sec. in 2D mode	500 ± 50 scans/sec	500 ± 50 scans/sec	50 ± 5 scans/sec
Environment	Operating Temperature: 0°C to 50°C (32°F to 122°F) Storage Temperature: -20°C to 70°C (-4°F to 158°F) Relative Humidity: 20% to 95% (Non-condensing)	Operating Temperature: 0°C to 50°C (32°F to 122°F) Storage Temperature: -20°C to 70°C (-4°F to 158°F) Relative Humidity: 20% to 95% (Non-condensing)	Operating Temperature: 0°C to 50°C (32°F to 122°F) Storage Temperature: -20°C to 70° (-4°F to 158°F) Relative Humidity: 20% to 95% (Non-condensing)	Operating Temperature: 0°C to 50°C (32°F to 122°F) Storage Temperature: -20°C to 70°C (-4°F to 158°F) Relative Humidity: 20% to 95% (Non condensing)
Drop	180 cm Drop on Concrete Surface	180 cm Drop on Concrete Surface	180 cm Drop on Concrete Surface	180 cm Drop on Concrete Surface
Material	ABS Plastic	ABS Plastic	ABS Plastic	ABS Plastic
Interface	RS232, USB (HID KBW or Virtual comport)	RS232, KB, USB	RS232, KB, USB	RS232, KB, USB
Connector	RJ 45C 10Pins	RJ 45C 10Pins	RJ 45C 10Pins	RJ 45C 10 Pins
Cable	1,50 m	1,50 m	1,50 m	1,50 m
Weight	Approx. 150 g (Scanner)	Approx. 150 g (Scanner)	Approx. 150 g (Scanner)	Approx. 150 g (Scanner)



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