



SCANTEAM® 5700ALR Series Advanced Long Range Laser Scanner

The SCANTEAM® 5700ALR Advanced Long Range high performance laser scanner reads medium to low density bar codes at a long distance. This hand held scanner combines our best laser scanning performance for long range industrial applications with Hand Held Products' traditionally excellent decoding, interfacing, and reputation for product durability. The SCANTEAM 5700ALR is available with a full suite of decoded output interfaces, or non decoded output for connection to an external decoder or a portable terminal.

Hand Held Products laser scanners are comfortable to use, rugged, durable, and easy to program. They offer a wide selection of cables, upgradable flash memory, and Quick*Load, a Windows®-based programming tool, to maximize flexibility.

The SCANTEAM 5700ALR is a long range, high performance scanner suitable for industrial and warehouse uses, or special purpose applications where labels and bar code print sizes are large. Stock location tags in a warehouse or large objects on a manufacturing floor can be scanned easily with the SCANTEAM 5700ALR. The SCANTEAM 5700ALR also offers dual interfaces. With a simple cable change, the scanner automatically switches interfaces, which increases functionality and cost effectiveness.

Features & Benefits

Long Range Scanning

For industrial or warehouse use.

Marker Beam

Aids in aiming and finding the bar code from a distance.

Scanboot

Protects the scanner from drops and adds durability.

Hand Held Products Interface Suite

Connects to PCs and PDTs.

Dual Interface

Switch between applications with a simple cable change.

Flash Memory

Scanner's memory is field upgradeable.

Two Year Warranty

Full factory warranty, plus world wide service and support.

SCANTEAM® 5700ALR Series

Performance

Scan Element: Mylar resonant scan element
Light Source: 650nm visible laser diode (VLD)
Laser Power: 1.5mW ± .01mW, peak
Scan Rate: 36 scans/sec.
Field Width: 9 in. at 43 in. (22.9 cm at 109.2 cm) on 15 mil
20 in. at 99 in. (50.8 cm at 251.5 cm) on 55 mil



Working Distance:	13 mil	30 mil	55 mil	100 mil
	Retro Reflective			
	20 - 37 in. (51 - 94 cm)	40 - 88 in. (102 - 224 cm)	26 - 99 in. (66 - 252 cm)	10.25 - 26.8 ft. (3.1 - 8.2 m)
Print Contrast:	40% MRD			
Skew Angle:	± 30° minimum from normal			
Pitch Angle:	± 55° minimum from normal			
Scan Angle:	13°			

Mechanical/Electrical

Dimensions

Weight: 7 oz. (198 g)
Length: 5.8 in. (14.8 cm)
Width: 3 in. (7.5 cm)

Laser Classification: CDRH Class II, Europe Class III a

Power Requirements

Voltage: +5VDC or +5V/+12V, depends on product configuration and cable selection

	Product	Idle	Scanning
Current:	5700ALR-00	.060mA	135mA max
	5700ALR-02	70mA*	170mA max
	5700ALR-03	90mA*	190mA

*When operated in switched power mode, idle current is less than 6mA.

Cable: High flex strength 6 ft. detachable (1.8m) coiled cord

Environmental

Ambient Light: Sunlight: 8000 ft. Candles
Artificial: 450 ft. Candles

Temperature Ranges

Operating: 32°F to 122°F (-0°C to 50°C)
Storage: -40°F to 140°F (-40°C to 60°C)
Humidity: 5% to 95% (non-condensing)
Shock: Five drops from 5 ft. (1.5m) to concrete

Agency Conformance: Complies with FCC Class B, CE.

MIL Spec w/Scanboot: MIL-STD-810E, 506.3, #2, Drip
MIL-STD-810E, 510.3, #1, Wind Blown Dust

Electrostatic Discharge: 15kv to any external surface

Symbologies: UPC-EO, E1, A; EAN; JAN; ISBN all versions with supplement suppression; Codes 3 of 9; 128; I 2 of 5; 2 of 5; Matrix 2 of 5; 11; 93; MSI; Plessey; and Codabar

CE Complies with EMC 89/336/EEC and LVD 73/23/EEC

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