



# SCANTEAM<sup>®</sup> 5700ALR Series Advanced Long Range Laser Scanner

The SCANTEAM<sup>®</sup> 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<sup>®</sup>-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



<b>Working Distance:</b>	<b>13 mil</b>	<b>30 mil</b>	<b>55 mil</b>	<b>100 mil Retro Reflective</b>
	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)
<b>Print Contrast:</b>	40% MRD			
<b>Skew Angle:</b>	± 30° minimum from normal			
<b>Pitch Angle:</b>	± 55° minimum from normal			
<b>Scan Angle:</b>	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

	<b>Product</b>	<b>Idle</b>	<b>Scanning</b>
<b>Current:</b>	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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