



# SCANTEAM<sup>®</sup> 5750 Series Industrial Hand Held Laser Scanner

The SCANTEAM 5750 Hand Held Laser scanner is Hand Held Products' high performance industrial laser. It combines our best laser scanning performance with our most rugged design, and our traditionally excellent decoding, interfacing, and product durability reputation. The SCANTEAM 5750 is available in a decoded output configuration with PC compatible keyboard wedge, wand emulation, and TTL level RS-232 interfaces.

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 5750 is a high performance scanner suitable for any general purpose application. It offers the widest range of resolution and reading distance of any Hand Held Products scanner. The SCANTEAM 5750 can be used in warehouse, factory and office automation, inventory, asset tracking, and transportation applications. It also offers Dual Interface. With a simple cable change, the scanner automatically switches interfaces (e.g., from keyboard wedge to portable data collection), increasing functionality and cost effectiveness.

## Features & Benefits

### **Rugged Design**

*Durable products that survive in harsh industrial applications.*

### **Sealed Housing**

*Meets IP-54 requirements.*

### **Excellent Scanning Performance**

*Reads down to 5 mil codes. Working distance up to 31 inches (78.7 cm).*

### **Auto Scanning**

*Hands free scanning option for faster throughput.*

### **Dual Interfaces**

*A simple cable change automatically allows one scanner to be used on two terminal interfaces.*

### **Flash Memory**

*Field upgradable memory extends the useful life of the product.*

### **PC-Based Programming**

*Product easily configured using Quick\*Load programming utility.*

## Performance

<b>Scan Element:</b>	Mylar resonant scan element		
<b>Scan Rate:</b>	36 scans per second		
	<b>5750A</b>	<b>5750HD</b>	<b>5750ALR</b>
<b>Light Source:</b>	650nm VLD	670nm VLD	650nm VLD
<b>Laser Power:</b>	.8 mW ± 10%	.36 mW ± 10%	1.5 mW ± 10%
<b>Print Contrast:</b>	25% MRD	40% MRD	40% MRD
<b>Skew Angle:</b>	± 65° min. from normal	± 60° min. from normal	± 60° min. from normal
<b>Pitch Angle:</b>	± 55° min. from normal	± 65° min. from normal	± 65° min. from normal
<b>Working Range:</b>			
<b>5750A:</b>	<b>5 mil</b>	<b>55 mil</b>	
<b>Near</b>	2 in. (5.1 cm)	ACAP	
<b>Far</b>	4 in. (10.2 cm)	35 in. (88.9 cm)	
<b>5750HD:</b>	<b>3.0 mil</b>	<b>13 mil</b>	
<b>Near</b>	1.25 in. (3.2 cm)	1.75 in. (4.4cm)	
<b>Far</b>	2.6 in. (6.6 cm)	6 in. (91.4 cm)	
<b>5750ALR:</b>	<b>13 mil</b>	<b>100 mil retroreflective</b>	
<b>Near</b>	20 in. (51 cm)	10.25 ft. (3.1m)	
<b>Far</b>	37 in. (94 cm)	26.8 ft. (8.2m)	

## Mechanical/Electrical

### Dimensions

<b>Weight:</b>	7 oz. (198g)
<b>Length:</b>	5.8 in. (14.8cm)
<b>Width:</b>	3 in. ( 7.5 cm)
<b>Laser Classification:</b>	CDRH Class II, ALR is Class III a in Europe

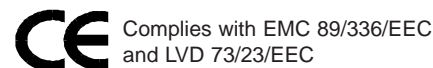
## Power Requirements

<b>Voltage:</b>	Decoded Output: +5VDC	
<b>Current Draw:</b>	<b>Idle</b>	<b>Scanning</b>
<b>All Models</b>	95mA*	200mA max

\*When operated in switched power mode, idle current is less than 0.06mA.

## Environmental

<b>Ambient Light:</b>	Sunlight: 8000 ft. candles
<b>Temperature Ranges</b>	
<b>Operating:</b>	32°F to 122°F (-0°C to 50°C)
<b>Storage:</b>	-22°F to 158°F (-27°C to 63°C)
<b>Humidity:</b>	0% to 95% (non-condensing)
<b>Shock:</b>	26 drops from 6 ft. (1.8 m)
<b>Agency Conformance:</b>	Compiles with FCC Class B CE, UL, cUL listed, TÜV, EN55022 CISPR22 Class B
<b>Environmental:</b>	MIL-STD-810E, 506.3, #2, Drip MIL-STD-810E, 510.3, #1, Wind Blown Dust IP-54
<b>Electrostatic Discharge:</b>	15kv to any external surface
<b>Symbologies:</b>	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



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