SCANTEAM® 5700LR Series

Long Range Laser Scanner



Description

The SCANTEAM® 5700LR 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 Welch Allyn's traditionally excellent decoding, interfacing, and reputation for product durability. The SCANTEAM® 5700LR is available with a full suite of decoded output interfaces, or non decoded output for connection to an external decoder or a portable terminal.

Welch Allyn 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.

Features

Long Range Scanning

Marker Beam

Scanboot

Welch Allyn Interface Suite

Dual Interface

Flash Memory

Two Year Warranty

Benefits

- · For industrial or warehouse use.
- Aids in aiming and finding the bar code from a distance.
- Protects the scanner from drops and adds durability.
- · Connects to PCs and PDTs.
- Switch between applications with a simple cable change.
- Scanner's memory is field upgradeable.
- Full factory warranty, plus world wide service and support.

Applications

The SCANTEAM® 5700LR 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® 5700LR. The SCANTEAM® 5700LR also offers dual interfaces. With a simple cable change, the scanner automatically switches interfaces, which increases functionality and cost effectiveness.



Product Literature

Specifications

Performance

Scan Element: Mylar resonant scan element **Light Source:** 650nm visible laser diode (VLD)

Laser Power: $1.3 \text{mW} \pm .01 \text{mW}$, peak

Scan Rate: 36 scans/sec.

Field Width: 7.3 in. (18.5 cm) at 18.5 in. (57 cm)

33 in. (83.8 cm) at 88.5 in. (224.8 cm)

55 mil **Working Distance** 10 mil 20 mil 40 mil 100 mil **Retro Reflective** 10 - 90 in. 10.5 - 18.5 in. 8 - 38 in. 9 - 75 in. 82 - 210 in. (26.7 - 47 cm) (20.3 - 96.5 cm) (22.9 - 190.5 cm) (25.4 - 228.6 cm) (208.3 - 533.4 cm)

Print Contrast: 40% MRD

Skew Angle: ± 60° minimum from normal Pitch Angle: ± 65° minimum from normal

Scan Angle: 230

Mechanical/Electrical

Dimensions

Weight: 1.19 oz. (33.7 g) Length: 1 in. (2.54 cm) Width: 1.51 in. (3.84 cm) Laser Classification: CDRH Class II

Power Requirements

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

selection

Product Idle Scanning **Current:** 5700LR-00 .060mA 135mA max 5700LR-02 70mA³ 170mA max 5700LR-03 90mA* 190mA

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

Environmental

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

Temperature Ranges

32°F to 122°F (-0°C to 50°C) Operating: 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

UPC-EO, E1, A; EAN; JAN; ISBN all versions with supplement Symbologies:

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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Complies with EMC 89/336/EEC

and LVD 73/23/EEC

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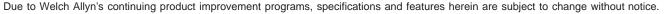
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dcd.welchallyn.com

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