SCANTEAM® 5800

Presentation Scanner

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Description

The SCANTEAM® 5800 is a solid state diode based presentation scanner. It provides hands free scanning in a compact, highly styled product. Bar codes are read by simply presenting them to the scan window. When bar codes are presented to the face of the scanner, the ST5800 automatically reads, decodes, and transmits the bar code data. The ST5800 product utilizes a 7 direction, 24 line scan pattern which produces a large volume reading zone, ensuring high performance, omni-directional scanning.

Applications

The hands free scanning capability is especially suited to specialty retailers such as clothing, convenience, drug, and video stores. The compact footprint consumes a minimal amount of counter space in a retail point-of-sale environment. The aggressive scanning performance and omni-directional reading capability also make the ST5800 ideal for many factory automation and work in progress data collection applications.

Features

Aggressive Omni-Directional Scanning

7 Direction, 24 Line Scan Pattern

Counter or Flex Stand Mounting

Compact, High Style Enclosure

Benefits

• High first past scan rate. Bar codes may be presented in any orientation.

• Fewer gaps in read pattern in space.

• Flex stand allows scan pattern to be directed for best performance.

• Does not consume valuable counter space. Enhances appearance of POS environment.

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Specifications

Optical Performance

Scan Pattern:	7 direction scan field, 24 line scan pattern
Scan Rate:	2400 scans / second
Light Source:	670 nm Visible Laser Diode (VLD)
Depth of Field:	11.8 in. (300 mm)
Resolution:	5 mil code

Mechanical/Electrical

Dimensions

Weight:	1.2 lbs (560g)
Height:	5.7 in. (146 mm)
Height in Stand:	8.7 in. (222 mm)
Width:	5.3 in. (61mm)
Depth:	2.4 in. (61mm)
Power Requirements:	AC Power Pack supply operates from 100-250 VAC, 50-60Hz

Environmental

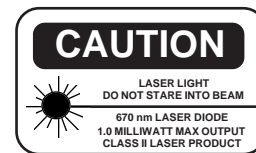|	
Operating Temperature:	0°C to +40°C
Operating Humidity:	20% to 95%, non-condensing
Agency Certifications:	Radiated EMI: EN 55022 Class B (1994), FCC Part 15 Class B (1992) RF Susceptibility: EN 50082-1 EMI Susceptibility: IEC 801-3 (1984) / ENV 50140 (1993) ElectroStatic (ESD): IEC 801-2 (1991) Elec. Fast Transient: IEC 801-4 (1988)

Safety Certifications

Laser Safety:	IEC 825-1 (1993), US 21CFR1040 Class IIa Electrical: EN60950 - 2nd Edtion, UL-1950
Flammability Rating:	94V-0

Interface

Symbologies Supported:	EAN/UPC/JAN with addenda, Code 128, Code 39, Code 32, Codabar, I 2-of-5, UCC Coupon Code with addendum
Host Interface Support:	ST5800/A-1: IBM 46XX & PC Keyboard Wedge ST5800/A-2: RS-232C & OCIA

CAUTION

LASER LIGHT
DO NOT STARE INTO BEAM

670 nm LASER DIODE
1.0 MILLIWATT MAX OUTPUT
CLASS II LASER PRODUCT

CE

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

Printed in U.S.A.

Due to Welch Allyn's continuing product improvement programs, specifications and features herein are subject to change without notice.

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