

Youjie 5900

Omnidirectional Laser Scanner

The Youjie 5900, omnidirectional hands-free compact laser scanner with increased scanning performance is perfect for various convenience stores and specialty stores.

In addition to being an ideal choice for small to mid-volume scanning in retail environments such as convenience stores, liquor stores and pharmacies, it is also a perfect choice for presentation scanning in industrial environments, such as factory production and manufacturing.

The Youjie 5900 provides aggressive first-pass scanning at 1,650 scans/second, greatly increasing customer satisfaction and operator efficiency.

With 4 mounting holes, the YJ5900 can be easily fixed onto a countertop or assembly line table, effectively saving space.

As an update of the Youjie 5800, the Youjie 5900 provides maximum uptime with more stable performance and lower failure rate. Additionally, the Youjie 5900's louder beeper allows end users to receive timely and accurate "good read" feedback, even in noisy environments.

Other patents used in Youjie 5900 include: IR activation modes, replaceable cables and Flash ROM updates.



Features



Omnidirectional / parallel-line mode: Provides a high first-pass rate with easy and flexible operations



Sleep Mode with IR Activation: Effectively reduces power consumption, extends product life and lowers operating costs



Stylish ID design: Easily assembled and mounted onto various countertops and desktops, helping to conserve space



High performance and quality with low failure rate: Provides maximum uptime with uptime with a more stable performance and a lower failure rate



Ideal choice for small to mid-volume scanning in retail application: Ideal for convenience stores, liquor stores and pharmacies, etc

Youjie 5900 Technical Specifications

Mechanical

Dimensions (LxWxH): 87mm x 98mm x 170mm

Weight: 382g

Electrical

Input Voltage: 5VDC \pm 0.5V

Operating Power (typical): 1.4W (275 mA@ 5V)

Standby Power (typical): 1.2W (230 mA@ 5V)

DC Transformers: Class2; 5.2 VDC @ 1A

Laser class: Class2; IEC60825-1

Certification: CE, EN55022 Class A; IEC 60950-1, IEC62471

Performance

Light Source: Visible Laser Diode, 650 nm \pm 10 nm

Audible Indicators: 7 tones or no beep

Visual Indicators: Green= ready to scan, Red= good read

Host System Interfaces: USB, RS232 Serial

Scan Pattern: Omnidirectional: 5 fields with 4 lines in each direction

Scan Speed: 1650 scan lines per second

Print Contrast: 35% minimum reflection difference

Decoding ability: reads all standard 1D bar codes

Environmental

Operating Temperature: -20°C - 40°C

Storage Temperature: -40°C - 60°C

Humidity: 5% to 95% relative humidity, non-condensing

Light: 4842 Lux (450 foot-candles)

Drop: Designed to withstand 1m drops

Typical Performance*

Narrow Width	Depth of Field
5 mil	50 mm - 100 mm
7.5 mil	40 mm - 185 mm
10.4 mil	20 mm - 260 mm
13 mil	20 mm - 310 mm
Resolution: 5 mil (0.125 mm)	
*Performance may be impacted by bar code quality and environmental conditions	

LASER LIGHT. DO NOT STARE INTO BEAM. CLASS 2 LASER PRODUCT.
RAYONNEMENT LASER. NE PAS REGARDER DANS LE FAISCEAU
APPAREIL AL LASER DE CLASSE 2.
Complies with 21 CFR 1040.10 and 1040.11 except for deviations
pursuant to Laser Notice No. 50, dated June 24, 2007.
1.0 mW MAX OUTPUT 650 nm, IEC 60825-1:2007.



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