

## YJ5900 | Omnidirectional Laser Scanner

The YJ5900, 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 YJ 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 YJ5800, the YJ5900 provides maximum uptime with more stable performance and lower failure rate. Additionally, the YJ5900's louder beeper allows end users to receive timely and accurate "good read" feedback, even in noisy environments.

Other patents used in YJ5900 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

# YJ5900 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	



# YOUJIE

Partner Information

Get more details from Youjie website: [www.Youjieaidc.com](http://www.Youjieaidc.com)

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