

# 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 Youjie 5900 can be easily fixed onto a countertop or assembly line table, effectively saving space.

As an update of the YouJie 5800, 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:** can be easily assembled and mounted to various countertop and desktop, helping to conserve countertop space

**High performance and quality with low failure rate:** YJ5900 provides maximum 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 reflectance difference

**Decoding ability:** read all standard 1D barcodes

## 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**

[www.barcode-ribbonthailand.com](http://www.barcode-ribbonthailand.com)

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

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