

ZL2200 | Single-line Laser Scanner

Youjie ZL2200 is a cost-effective single-line laser scanner with optimized performance. As an entry level bar code scanner targeting the low to middle segment of the AIDC markets, ZL2200 is ideal for various scanning applications like retail POS for small supermarkets and convenience stores, document scanning for office automation, and mail and parcels processing for post offices. With its innovative scanning platform design, ZL2200 enjoys similar performance from international AIDC vendors at an affordable price, while beating other low-cost brands with its better performance.

To meet the challenging demand for high cost-efficient offering from high growth markets, Youjie ZL2200 is engineered with a revolutionary scanning platform design. Sophisticated and integrated, Youjie combines the robust hardware design with an optimized software decoding algorithm. Built on this platform, ZL2200 scans much faster, with a greater depth of field and wider scanning angle. Its crisp and loud beeper helps operators confirm each successful scan easily, avoiding error or missed scans. Its ergonomic gunshape design combining top manufacturing technology provides comfortable grip for any hand size, greatly reducing users' fatigue in high volume scanning environment.

Featuring "plug-and-play" with no additional configuration needed, ZL2200 simplifies "user set up with superior out-of-box experience. It can simply be plugged into any USB port of a PC or POS machine and it is ready to go.

Youjie ZL2200 truly frees users from repetitive and tedious data collection work, eliminating errors from manual records entry. In addition, with its high compatibility and ease-of-use feature, ZL2200 has become an import tool in offices. For enterprises seeking highly efficient data collection devices at low cost, ZL2200 is the no. 1 choice.



Features

- **Scan performance at an affordable price ratio:** Highly cost effective, ideal for small- to medium-sized enterprises
- **Proprietary Scanning Platform:** Revolutionary scanning platform design with pending intellectual property rights (IPR)
- **Outstanding Scanning Performance:** Provides faster scanning, larger depth of field, wider scanning angle and zero error rates.
- **Ergonomic Form Factor design:** Gun shape design comfortably fit in any hand size, reducing fatigue over long time use
- **High Compatibility:** "Plug-and-play" with "no extra setting" enables quick integration with various office devices

ZL2200 Technical Specifications

Mechanical

Dimensions (LxWxH): 165mm x 65mm x 80mm

Weight: 182g

Electrical

Input Voltage: 5 VDC \pm 0.25 V

Power (typical): 700mW (140 mA@ 5V, standby)

1000mW (200 mA@ 5V, decoding)

Electro Magnetic Compatibility: EN55022 Class B

Environmental

Operating Temperature: 0°C - 40°C

Storage Temperature: -40°C - 60°C

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

Light: 0 - 100,000LUX

Drop: Designed to withstand 1m drops

Environmental sealing: sealed to resist airborne particulate contaminants

Performance

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

Visual Indicators: Red= laser shines, ready to scan; Green= successful decoding

System Interface: USB

Scan Pattern: single line

Scan Speed: 100 scan lines per second

Scan Angle: horizontal 55°

Print Contrast: 20% minimum reflection difference

Pitch, Skew: 68°, 52°

Decode Capabilities: All standard 1D bar codes



Typical Performance *

Narrow Width	Depth of Field
UPC-A 13 mil	17mm - 232 mm
7.5mil	20mm -163mm
5mil	47mm -111mm
Resolution: 4.5 mil	
*Performance may vary depending on the bar code quality and scanning environment	

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