

YJ3300 | Hand-held Laser Scanner

YJ3300 is an affordable hand-held laser barcode scanner that offers an alternative to CCD scanners. Its functional ergonomic design enables itself to fit in a wide variety of applications. The YJ3300 is the best choice for customers who are seeking to create paperless offices or who care to replace their current existing devices with a high-quality and cost-saving barcode scanner.

Equipped with world-class laser decoding technology, the YJ3300 can be applied in a variety of environments. The YJ3300's pulsing-laser-line switch allows the user to easily target the desired barcode and complete data transmission with just the press of a button. This makes the YJ3300 the optimal choice for menu scanning, point-of-sale, document processing, and inventory control.

With improved laser scanning technology, the YJ3300 has a longer working range and a wider scan field than a typical CCD. The width of the scan line grows as the scanner moves further away from the bar code.

The ergonomic trigger and handle of the YJ3300 fits comfortably in any user's hands and provides easy to use operation. Additionally, the pulsing-laser-line switch design decreases the continuous operating time of the laser engine, thus increasing the time efficiency and reliability of the scanner. Integrated with a common interface, the YJ3300 ensures fast and easy connections with the host or PC.



Features

- **Compact design and outstanding performance:** Integrated state-of-the-art laser decoding technology enables high-speed and sensitive scanning performance.
- **Reads all linear bar codes:** Reads all popular standard 1D barcodes in the world, meeting the requirements of most application conditions.
- **High cost-effectiveness:** Enjoys superior performance at a low price, the performance of a laser scanner bought at the price of a red-light scanner.
- **Ergonomic form factor:** Increased comfort in using experience decreases long-time operation fatigue

YJ3300 Technical Specifications

Mechanical

Dimensions (LxWxH): 110mm x70 mm x 153mm

Weight: 120g

Electrical

Input Voltage: 5VDC $\pm 0.25V$

Power-typical: 675mW (125mA@5V-standby)
700 mW (140mA@5V-decoding)

Laser Level: Class 1; IEC60825-1

Electromagnetic Compatibility: EN55022 Class B

Operating Temperature

Operating Temperature: 0°C - 40°C

Storage Temperature: -40°C - 60°C

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

Light Levels: 4842 LUX (150m candlelight)

Drop: Designed to withstand 1m drops

Environmental Sealing: Sealed to resist airborne particulate contaminants

Scan Performance

Light Source: Visible Laser Diode 650 nm ± 10 nm

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

System Interface: Keyboard Wedge, Independent Keyboard Wedge, USB

Scan Pattern: Single line

Scan Speed: 72 scan lines/second

Scan Angle: Horizontal: 46°

Print Contrast: 35% minimum reflection difference

Pitch, Skew: 68°, 52°

Decode Capabilities: All standard 1D



Typical Performance*

Narrow Width	Depth of Field
UPC-A 13mil	0.5" - 10"
10.4mil	1" -9"
7.5mil	2" - 8"
5mil	3" - 5"
Resolution	4mil

*Performance may be impacted by bar code quality and environmental conditions

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