

PS LS-3300 | Hand-held Laser Scanner

3300 is an affordable hand-held laser barcode scanner alternative to CCD scanners. Its ergonomic design is functional and enables itself to fit in a wide variety of applications. 3300 is the best choice for customers who are seeking for paperless offices or to replace their current existing devices with a high-quality and cost-saving barcode scanner.

Equipped with world-leading laser decoding technology, 3300 can be applied in a variety of environments. 3300's pulsing-laser-line switch allows the user to easily target the desired barcode and complete data transmission with the press of a single button. This makes 3300 the optimal choice for menu scanning, point-of-sale, document processing, and inventory control.

With advanced laser scanning technology, 3300 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 bar codes.

The ergonomic trigger and handle of 3300 fits comfortably in any user's hands providing easier operation. Additionally, the pulsing-laser-line switch design decreases the continuous operating time of the laser engine, thus enabling a long up-time and the high reliability of the scanner. Integrated with a common interface, 3300 ensures fast and easy connection with your 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: Comfort handling experience decreases the fatigue of long-time operation.

3300 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)

675mW (125mA@5V-decoding)

Laser Level: Class 1; IEC60825-1

Electromagnetic 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 Levels: 4842 LUX (150m candlelight)

Drop: Designed to withstand 1m drops

Environmental Sealing: Sealed to resist airborne particulate contaminants

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

Scan Performance

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

Visual Indicators: Green=laser shines, ready to scan; red= successfully 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 reflectance difference

Pitch, Skew: 68°, 52°

Decode Capabilities: All standard 1D

