Omni-Directional Laser Barcode Scanner

Innovation By Design

Features

✔ **High Peformance Optics** delivers superior first-pass data capture
✔ **High Performance Automatic Rastering** omni-directional scan pattern
✔ **Single Line Read Feature** enabling targeted scan option
✔ **Flash ROM and Flexible Connectivity** protects hardware investment

Basic Product Specification (LL-2424)

Performance Characteristics

Scan Pattern	Omni-directional rastering
Depth of Field	0-206mm (UPC/EAN)
Scan Lines	20 line high speed decoding
Scan Patterns	5 directions of scan field
Scan Rate	1,200 scans per sec. (omnidirectional)
Resolution	5mil, Min. PCS value: 90%
Idenitifiable Contrast	30%　UPC/EAN 100%
Indicators	Two-color LED (blue, red)
Beeper Operation	Programmable tone & volume
System Interfaces	Keyboard, RS-232, HID USB

Power

Voltage Requirement	5V± 10%
Current Consumption	180mA@5V
Laser Class	CDRH Class II, IEC 60825-1:Class 2
EMC	CE En55022 B, FCC Part 15 Class B, VCCI, BSMI

Physical

Dimensions	180x140x102mm (DxWxH)
Weight	385g
Cable Length	2m

Environmental

Operating Temp.	0˚ - 40˚C (32˚F - 104˚F)
Storage Temp.	-20˚ - 60˚C (-4˚F - 140˚F)
Humidity	5% - 90% (no dewing allowed)
Light Level	Up to 4,000 Lux (fluorescence)
Drop Test	1m / 33ft drop onto concrete surface

Supported Symbologies

All standard 1D symbologies, UPC/EAN/JAN, UPC-A & UPC-E, EAN-8 & EAN-13, JAN-8 & JAN-13, ISBN/ISSN, CODE 39 (with full ASCII), Codabar (NW7), Code 128 & EAN 128, Code 93, Interleaved 2 of 5 (ITF), Addendum 2 of 5, IATA Code, China Postal Code, Code 32 (Italian Pharmacode), MSI/Plessy, RSS 14, RSS Limited RSS Expanded.

E&OE

Application and Solutions: Retail, Supermarket, Convenience, Forecourt, Kiosk, ATM, Medical, Banks, Logistics.

Contains Accessories: Cable (USB, RS232, RS485, PS2), User Guide, DC Power Supply (RS232).