

LGP 6125 SERIES

FEATURES

- Significantly improved decode techniques
- Highly ergonomic design and styling
- Lightweight for continuous use
- Low power consumption; Ideal for use with portable terminals
- Fast 200 scans/second
- Outstanding performance



THE SCANNER FOR THE NEW CENTURY

We've incorporated everything we learned in over two decades of designing scanners into the LGP 6125 to create Opticon's finest bar code scanner. It is the most aggressive, fastest, lightest weight, best performing scanner yet.

The new styling represents a break from past designs and a leap into a new generation of improved scanners.

The LGP 6125 scanner continues Opticon's reputation for rugged, durable and long lasting scanners. Beneath its sleek appearance, it is a real workhorse that can take a beating and work all day long.

It operates at a fast 200 scans per second. Precise optics coupled with proven decode algorithms, result in a snappy scanning performance and the ability to read marginal and poorly printed bar codes.

Low power consumption makes the LGP 6125 ideal for use with portable devices.

LGP 6125 scanners are available in popular interfaces: Keyboard wedge, RS232 and USB.

"We recommend Opticon scanners frequently because of the high level of abuse they can take."

OUR PROMISE

At Opticon, our mission is to provide bar code scanning products that are easy to use, built-to-last, fit your exact requirements and are supported by an experienced, responsive team of professionals. We believe that accomplishing our mission is dependent upon operating with a set of important core values—Passion, People, Creativity and Teamwork. All our employees work to understand and apply these values in everything that they do.

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OPTICAL

Scan Speed	200 scans/sec.
Photo Detector	2k element CCD
Light Source	Visible LED ($\lambda= 630 \text{ nm}$)
Depth of Field	0 to 1.75in. (EAN13, PCS 0.9, density 0.33)
Reading Width	up to 3.2 in.
Resolution at PCS 0.9	5 mil
Min. PCS Value	0.45

ELECTRICAL

Voltage	5 V \pm 5%
Idle Current	30 mA (typical)
Operating Current	100 mA (max)

ENVIRONMENTAL

Temperature	
Operating	0 to +40° C (+32 to +105° F)
Storage	-20 to +60° C (-10 to +140° F)
Humidity (non-condensing)	
Operating	up to 80% RH
Storage	up to 90% RH
Regulatory	CE Certified, FCC Class B

PHYSICAL

Case Material	ABS Plastic
Dimensions (LxWxH)	6.0x2.8x0.9 in.(152x72x22 mm)
Weight	3.2 oz. (90 g)
Cable Length Straight	RS232/USB: 6.5 ft. (2000mm) Wedge: 7.8 ft. (2400mm) Wedge adapter: 9.5" (240 mm)
Connector (std)	RS232: DB9 female with external power jack USB: Type A Wedge: AT/XT/PS2

FUNCTIONALITY

Trigger Modes	Manual / RS232
Interfaces Supported	RS232, Wedge (XT/AT/PS2),USB
Configuration	Over 300 programmable parameters

DECODABLE SYMBOLOGIES

WPC: EAN (EAN 13, EAN 8), UPC (UPC-A, UPC-E), Code 39, Codabar (NW-7), Standard 2 of 5, Code 128, Code 93 MSI - Plessey, Industrial 2 of 5, Interleaved 2 of 5, ISBN, ISSN Matrix 2 of 5, IATA, Trioptics, Italian Pharmaceutical

ORDERING INFORMATION*

Part No.	Description
LGP6125RWES-007	Wedge Interface
LGP6125RR1S-018	RS232 Interface**
LGP6125RU1S-000	USB Interface

* Ask our Customer Service Department for alternate connectors and pinouts to match your application

**DB9F Connector. Requires #32-00907-01 Power Supply (+5V)

WARRANTY

Opticon CCD scanners are warranted for a period of five (5) years, including parts and workmanship. Visit our web site for details.

TECHNICAL SUPPORT / SALES

Opticon's experienced, well trained technical support team is available to answer questions and assist you in every way possible in support of our products. Call today to find out how the scanner can be adapted to your design: 800.636.0090, or visit our web site at www.opticonUSA.com.

25-DLPGMU01-01 Rev A
Specifications subject to change without prior notice.

CUSTOM-BUILT. BUILT TO LAST.



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