

Long Range CCD Scanner LGZ Series

Features

- ◆ *Laser performance with CCD durability (5-Year Warranty)*
- ◆ *Reads from contact to 12" or more*
- ◆ *300 scans per second*
- ◆ *Fully programmable*
- ◆ *Adjustable handle reduces stress*



The LGZ Series of Handheld CCD scanners offer the durability and value of CCD technology with the depth-of-field and reading range of laser scanners.

The scanner utilizes two sets of CCDs, one focused for distance reading, the other for closer reading. The result is great reading capability from contact to one foot or more.

The LGZ scanner features a unique, adjustable pistol-style handle. Users adjust the position and angle of the handle to match their personal preferences. In heavy scanning applications, reposition the handle periodically to reduce stress and the possible impact of repetitive operations.

High scan speed and superior optical resolution produce a scanner with outstanding reading capability and aggressive performance.

The LGZ Series is available with either a keyboard wedge, RS232, or wand emulation interface.

Rugged Performance

Opticon's 5-Year Warranty stems from the durability and long life inherent in CCD scanning technology. No moving parts result in high reliability.



 **Opticon**

TECHNICAL DATA

SPECIFICATIONS SUBJECT TO CHANGE WITHOUT PRIOR NOTICE

LGZ Series REV. 3/01

Optical

Photo Detector Dual 3000 pixel CCD arrays
Scan Speed 300 scans/sec.
Light Source Visible Red LED (635 nm)
Reading Distance Contact to over 12" (100% UPC)

Bar Code Size	Near Read	Far Read
5 mil	1.8"	3.5"
7.5 mil	1.4"	7.5"
13 mil	0.8"	11.8"
20 mil	0.0"	13.8"

Symbologies

UPC A/E
EAN 8/13
EAN 128
Code 128
Code 39
Code 93
Interleaved 2 of 5
Codabar
IATA
MSI/Plessey

Electrical

Voltage 5 VDC \pm 5%
Operating Current 160 mA typical
Standby Current 50 mA typical

Environmental

Temperature
Operating 0 to 40 °C (32 to 104 °F)
Storage -10 to 70 °C (14 to 158 °F)
Humidity 20 to 85% non-condensing

Physical

Case Material ABS Plastic
Dimensions 3.5" L x 5.5" H x 3.6" W
Weight 5.3 oz. w/o cable
Cable 6 ft. straight

Warranty

Opticon CCD scanners are warranted for a period of five (5) years, covering all parts and workmanship during the first year and electronics only thereafter.

Technical Support / Sales

Opticon's experienced, well trained technical staff are 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

Ordering Information

LG-K7R15S003-01 RS232, DB9F, incl Power Supply
LG-K7WE5S000-01 Keyboard Wedge w PS2/AT Cable
LG-K7LI5C000-01 Wand Emulation, DB9 Fsq
LG-K7HH5S000-01 Laser Emulation

Interface Options

Wand Emulation
RS232C (Asynchronous Serial Output)
HHLC (Laser Emulation)
Wedge (Keyboard Emulation)

Accessories

28-LGZSTD-01 "Hands Free" Stand



• 8 Olympic Drive
• Orangeburg, NY 10962
• Tel 845.365.0090
• Fax 845.365.1251
• Toll Free 800.636.0090
• www.opticonUSA.com