LGZ 7225 SERIES

FEATURES

- **Laser performance with CCD durability**
- **Reads from contact to 20" or more**
- **Reads 4 mil bar codes**
- **200 scans per second**
- **High intensity aiming line**
- **Field replaceable cable**
- **Choice of interface**
  - **USB**
  - **RS232**
  - **Wedge**

LONG RANGE HANDHELD CCD SCANNER

The LGZ 7225 Series of handheld CCD scanners combines the durability and value of CCD imaging technology with the long reading range of a laser scanner.

The LGZ 7225 reads high density symbols (4 mil) and yet can read lower density symbols from as far away as 20" or more. High scan speed and superior optical resolution are combined in a scanner which yields outstanding reading capability and aggressive performance.

Precise optics and proven decode algorithms result in snappy scanning performance and the ability to easily read marginal and poorly printed bar codes.

The LGZ 7225 continues Opticon's reputation for rugged, durable and long lasting scanners. It has no moving or wearing parts and operates at a fast 200 scans per second.

When used in the optional adjustable stand, an LGZ 7225 handheld scanner functions as a "hands-free" scanner.

LGZ 7225 scanners are available in keyboard wedge, RS232 or USB interfaces.

"I recommend Opticon products because they hold up really well over time."

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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LONG RANGE HANDHELD CCD SCANNER

OPTICAL

Scan Speed	200 scans per second
Image Sensor	2048 element CCD
Light Source	Visible LED (λ = 660nm)
Reading Width	up to 4.5"
Min Resolution	0.10 mm (4 mil) at PCS 0.9
Min PCS Value	0.30

ELECTRICAL

Operating Voltage	5 VDC ± 5%
Current	
Operating	180 mA typical
Standby	100 mA
Sleep	25 mA

ENVIRONMENTAL

Temperature	
Operating	0 to +40° C (+32 to +104 °F)
Storage	-40 to +60° C (-40 to +140 °F)
Humidity (non-condensing)	
	5 to 95% RH
Regulatory	FCC Class A, CE Certified, UL

PHYSICAL

Case Material	ABS Plastic
Dimensions (L x W x H)	115 x 72 x 135 mm (4.5 x 2.8 x 5.3 in)
Weight	150 g (5.3 oz) w/o cable
Cable	1.82 m (6.0 ft) straight
Drop Spec	1.5 m (4.5 ft)

FUNCTIONALITY

Trigger Modes	Manual/RS232
Interfaces Supported	RS232, USB, Keyboard Wedge
Configuration	over 300 programmable parameters

DECODABLE SYMBOLOGIES

WPC: EAN (EAN13, EAN8), UPC (UPC-A, UPC-E), Code 39, Codabar (NW-7), Code 128, Code 93, MSI-Plessey, Interleaved 2 of 5, IATA, Code 11

READING RANGE (TYPICAL)

Bar Code Size	Near Read	Far Read
4 mil	1.3"	3.5"
10 mil	0.1"	9.7"
15 mil	0.0"	15.0"
20 mil	0.2"	20.0"

ORDERING INFORMATION

Part No.	Description
LGZ7225RWES-007	Wedge Interface
LGZ7225RU1S-000	USB Interface
LGZ7225RR1S-057	RS232 Interface (incl power supply)
28-LGZSTD-02	Adjustable Stand

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

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

CUSTOM-BUILT. BUILT TO LAST.

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Bar Code Scanning Solutions