

LG 7335 SERIES

FEATURES

- Reads linear and 2D symbologies
- Adjustable AutoSensor
- RS232, USB and Keyboard Wedge interfaces
- Rugged, lightweight and durable
- LED guided targeting for locating desired bar code
- Ergonomic design



2D HANDHELD IMAGER

The LG 7335 is a high performance, dual purpose imager. Not only does it read all the common linear bar codes, it also provides reading of two dimensional bar codes.

The imager utilizes a sensitive 640 x 480 CMOS image sensor that provides reliable reading of bar codes.

User programmable settings allow the imager to be configured to match a broad range of installations and applications. 32-Bit micro-processor operation provides fast decoding.

The LG 7335 is lightweight, yet rugged, and is built to last. It was designed for rough handling

in tough environments and is lightweight enough for use in office or retail applications.

Internal AutoSense technology (adjustable) allows triggerless handheld operation or truly handsfree operation without the need for a special stand. Enhanced software logic and detailed productive imaging options give you total programmable control of the imager in the AutoSense mode.

A replaceable cable and multiple on-board interfaces add to the flexibility of this highly ergonomic imager. Custom cable lengths, connector types and pinouts are available.

"When it comes to reliability, Opticon shines."

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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2D HANDHELD IMAGER

OPTICAL

Field of View	31° horizontal x 23° vertical (approx)
Optical Resolution	640 x 480
Bar Code Density	
Linear	0.13 mm (5.0 mil) minimum
2D	0.13 mm (5.0 mil) minimum
Min PCS Value	.45
Light Source	(4) Visible LEDs, $\lambda = 630$ nm
Targeting Guide	(2) Visible LEDs, $\lambda = 630$ nm
Pitch	$\pm 35^\circ$
Skew	$\pm 45^\circ$
Rotation	$\pm 180^\circ$

ELECTRICAL

Operating Voltage	5.0 VDC +/- 10%
Current	
Operating	200 mA
Standby	182 mA
Maximum	584 mA

ENVIRONMENTAL

Temperature	
Operating	0° to 40° C (32° to 104° F)
Storage	-10° to 60° C (14° to 140° F)
Humidity	20 - 80% non-condensing
Shock	Withstands multiple drops to concrete of 4.9 feet (1.5 meters)
Regulatory	ISO9002 certified mfg. facility CE Certified, FCC Class B

PHYSICAL

Dimension (H x W x D)	149 x 55 x 128 mm (5.9 x 2.2 x 5.0 in)
Weight	150 g (5.4 oz) (without cable)
Cable Length	1500 mm (5 ft)

ORDERING INFORMATION

LG-K3WE5S004-01	LG7335 Wedge Kit*
LG-K3U15S004-01	LG7335 USB Kit*
LG-K3R15S004-01	LG7335 RS232 Kit*

*Kit consists of imager, cable, power supply and quick start guide.

SYMBOLOGIES

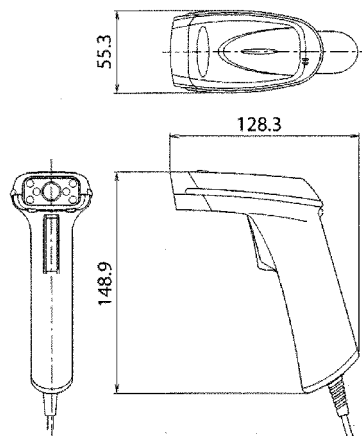
2D BAR CODES

MaxiCode, PDF417, Data Matrix, QR Code, Aztec, RSS, MicroPDF

LINEAR BAR CODES

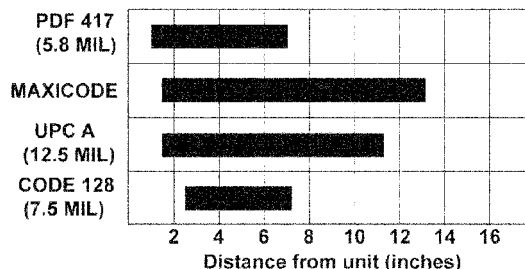
Code 39, Code 128, UPC/EAN/JAN, Industrial 2 of 5, Interleaved 2 of 5, Codabar (NW7), Code 93, MSI/Plessey, IATA

GENERAL MECHANICAL LAYOUT



All dimensions given in mm

READING RANGE (TYPICAL)



WARRANTY

Opticon 2D imagers are warranted for a period of one (1) year, 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-DLG3MU01-01 Rev A

Specifications subject to change without prior notice.

CUSTOM-BUILT. BUILT TO LAST.



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