

LC 10M SERIES

FEATURES

- Reads both bar code and magnetic stripe in one slot reader
- Fully decoded: Keyboard wedge, RS232 or USB interface
- Choice of reading height for bar codes
- Multiple mounting options available within one configuration
- Auxiliary scanner port (optional)
- Sealed optical system withstands harsh environments

Opticon combined the best features of its quality bar code slot readers with a magnetic stripe reader resulting in a single slot reader that performs both functions.

The two-in-one card reader will read a card or badge with a bar code symbol. It will also read a card with magnetic stripe information. There is no need for the user to indicate the type of card being used. The reader automatically senses which type of information is present.

Combining both functions in a single unit eliminates the need for two separate card readers. This not only saves money, but also saves valuable space at the workstation. In addition, it simplifies user training and eliminates potential confusion.

Using the reader is easy. Simply "swipe" the card through the slot in either direction. The reader is



MAGNETIC STRIPE AND BAR CODE SLOT READER

extremely speed tolerant accepting a wide range of swiping speeds.

The design of the reader provides a high degree of flexibility. For example, an adjustable sensor height allows a bar code to be located almost anywhere on a card. Innovative design of the cable exit allows the card reader to be easily installed in a variety of ways: on desk or tabletop, or from the side or rear.

The reader is fully decoded for both bar code and magnetic stripe information. Keyboard wedge, RS232 and USB interfaces are available. The reader can be configured to read magnetic stripe information on ISO Track 1, Tracks 1 and 2 or 2 and 3. An auxiliary external scanner port is available as an option, allowing the use of a second bar code scanning device.

"I trust
Opticon's
judgment
and advice
implicitly."

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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MAGNETIC STRIPE AND BAR CODE SLOT READER

OPTICAL BAR CODE

Light Source	Red LEDs ($\lambda = 660$ nm) Infrared LEDs ($\lambda = 940$ nm)
Scan Velocity	6 to 79 in/sec. (150 to 2000 mm/sec.)
Swipe Direction	Bidirectional
Symbologies	WPC, Codabar (NW-7), Code 39, I 2 of 5, Code 93, Code 128, MSI/Plessey, IATA

MAGNETIC STRIPE

Scan Velocity	3.9 to 59 in/sec. (100 to 1500 mm/sec.)
Swipe Direction	Bidirectional
Recording Method	F2F
Standard	JIS x 6301- Type I/II
Type I	IATA, ABA, THRIFT
Type II	NTT

ELECTRICAL

Supply Voltage	5 VDC \pm 10% (typ.)
Current	
Operating	100 mA max.
Standby	50 mA max.
Surge	3 A max.
Interface	RS232C, Keyboard Wedge, USB

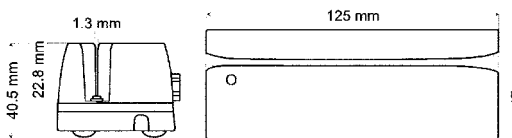
ENVIRONMENTAL

Temperature	
Operating	+32 to +104° F (0 to +40° C)
Storage	+14 to +140° F (-10 to +60° C)
Humidity (RH non condensing)	
Operating	20 to 80%
Storage	20 to 90%
ESD	10 KV

PHYSICAL

Case Material	Plastic (Beige or Black)
Dimensions (LxWxH)	125 x 47 x 40.5 mm (4.9 x 1.9 x 1.6 in)
Weight	130 g (4.6 oz.)
Cable length	150 cm (59 in) nominal, straight

GENERAL MECHANICAL LAYOUT



ORDERING INFORMATION

Popular Configurations

	Mag	Bar					
	Tracks	Code	Case	Mount	Interface		
Standard Units	1	2	3				
LC10M03RR15-000	N	N	N	Y	Black	Flush	RS232C*
LC10M43RR15-000	Y	Y	N	Y	Black	Flush	RS232C*
LC10M40RU15-000	Y	Y	N	Y	Beige	Desk	USB
LC10M03RWES-000	N	N	N	Y	Black	Flush	Wedge
LC10M43RWES-000	Y	Y	N	Y	Black	Flush	Wedge

Alternate connectors and pinouts are available to match your application.

*Requires 5V power.

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-DLCOMU01-01 Rev A
Specifications subject to change without prior notice.

CUSTOM-BUILT. BUILT TO LAST.



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