

LSR116

2D Barcode Reader for Kiosks and Gates



HIGH-SPEED BARCODE READING

The LSR116 is designed to read 2D barcode images from smartphones, tablets or paper. Its unique design, with optimized imaging and a 2D omnidirectional barcode imager, ensures read reliability. It also ensures high-speed performance, capturing and decoding barcodes in less than one second of presentation in any orientation.

WITHSTANDS YEARS OF FRONTLINE USE

It has a small-footprint slot-in design to enable easy integration into third-party public access kiosks and gates. Furthermore, its rugged, water-resistant construction with no moving parts, enable it to withstand years of indoor and outdoor public use.

INTUITIVE USER FEEDBACK

The LSR116 may be configured with data format settings. Serial RS232 and serial or keyboard USB interface versions are available. When operated in interactive mode, it can be controlled by the host application

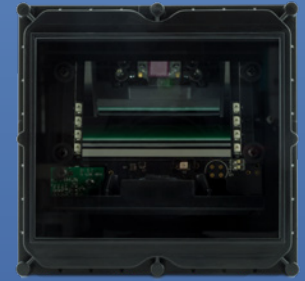
to give green LED "successful read" feedback to the user.

LSR116 & LSR118 READERS

These are compact, sealed, water and dust-resistant OEM modules that remove the high-investment risk for kiosk, podium, gate and turnstile manufacturers wanting to integrate barcode and contactless reading into their products.

APPLICATIONS

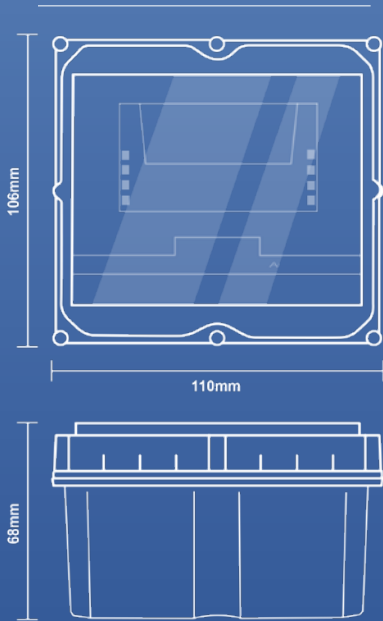
- Integration into public-use kiosks and gates
- Travel and transportation mobile-ticket reading
- Retail voucher redemption and loyalty cards
- Car park ticket machines and automatic barriers



FEATURES:

- Fully Sealed - Robust & water-resistant for integration into indoor or outdoor kiosks and gates
- Any Media - Reads 2D, PDF417 and linear symbologies from any media
- Kiosk Integration - Quick plug-in design reduces cost and complexity for kiosk or gate use
- Intuitive Operation - User feedback through green and red LEDs
- Flexible Interface - RS232 and USB (serial or keyboard) interface options
- Easy Software Upgrades - FLASH upgradeable software
- Simple Configuration - Interactive mode allows host application to control reader functions

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FEATURES

Connection Types

- USB
- RS232

Technology

- QR/Barcode

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READING CAPABILITIES	
Barcode Symbologies Read	Linear: EAN UPC, Code 2 of 5, Interleaved 2 of 5, IATA 2 of 5, Code 39, Code 128 2D: PDF417, Aztec, DataMatrix and QR codes Media types read: Smartphone/tablet/smartwatch displays & paper tickets
ELECTRONIC	
Power Supply	Serial Interface: 4.5 to 5.0 VDC via Access supplied external power supply or via USB power stealer USB Interface: Via a single USB cable for combined data and power Current Typical: 310 mA, Peak: 480 mA
PHYSICAL	
Interface	Interface options: RS232 via DB9 connector; USB (HID, serial or keyboard emulation); model exists to offer interchangeable USB and serial connectivity
Dimensions	4 x 4 x 3 in (110 x 106 x 68 mm)
Weight	9 oz. (250g) excl. cable
Body	Black ABS
Glass	4mm Toughened White Soda Lime; BS EN60068-2-75 & IEC 62262:2002, rated to 3.5J impact
MTBF	250,000 hours
THERMAL (AIR)	
Temperature	Operating -13°F to 122°F (-25°C to 50°C)
Storage	-22°F to 158°F (-30°C to 70°C)
Humidity	95% RH, non-condensing
APPROVALS	
FCC 47CFR Part 15 Class A EN55022: 2006 + Amd1: 2007; EN55024: 1998 + Amd1: 2001 + Amd2 2003 IEC 60950-1 2nd edition IEC 60950-1 2nd edition including amendment 1 Safety: EN 60950-1: 2006 IEC 62471: 2006 - Exempt Class Ingress: IP67 certified to BS EN 60529:1992	



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