



PRODUCT OVERVIEW

Lector63x

Image-based code readers

SICK

Sensor Intelligence



IMAGE-BASED CODE READERS

Lector63x

1D, 2D and DPM code identification using a camera for mid-range reading distances

The Lector63x is a flexible image-based code reader. With its high image resolution, compact housing and exchangeable optical design it is well equipped for a variety of needs. It can easily be used for small codes, in high production speeds or for long-range identification. The Lector63x is easy to handle: quick optical exchange, intuitive user interface, aiming laser, beeper, LED feedback and MicroSD card – simplifying setup, operation and maintenance!

Lector63x AT A GLANCE

BENEFITS

- High-resolution sensor and intelligent processing ensure outstanding reading performance, even under difficult reading conditions
- Flexible optical design and high-power illumination enable small codes to be read at high speeds or in applications with a large reading distance
- Fast, straightforward commissioning thanks to the intuitive user interface; function button for rapid device setup; integrated illumination and aiming laser
- Direct results monitoring thanks to acoustic signal and colored feedback spot on the object
- Few machine downtimes in the event of faults on the production line, thanks to straightforward cloning function using microSD memory card

FEATURES

- Code reader with up to 2-megapixel sensor
- Flexible optics and filter design
- Integrated, replaceable high-power illumination
- Intuitive user interface, with flexible result string with code analysis options
- Function buttons, aiming laser, acoustic feedback signal, and green feedback LED
- microSD memory card

TECHNICAL DATA OVERVIEW

Focus	Adjustable focus
Sensor type	CMOS monochrome
Sensor resolution	1,280 px x 1,024 px (1.3 MP) 1,600 px x 1,200 px (1.9 MP)
Scanning frequency	≤ 50 Hz
Enclosure rating	IP67
Exchangeable lens and illumination	✓
Ethernet	✓, TCP/IP
PROFINET	✓
EtherNet/IP™	✓
Serial	✓, RS-232, RS-422
CAN	✓
PROFIBUS DP	✓, optional over external fieldbus module
Weight	+ 430 g ... + 590 g

ADVANTAGES



The Lector63x offers an optimum combination of performance and flexibility in a compact housing. It is ideal for applications which required high resolution, good scanning performance and high read ranges. The Lector63x detects small codes and codes on small objects with ease.



Identification of molds using the Asset Monitoring System



Automated box identification with image-based code readers



Traceability of products in the production process

A powerful shared platform facilitates work



Acoustic and optical feedback. Immediate read feedback in all environments thanks to the green LED and acoustic signal.



Slot for microSD memory card. Parameter cloning and storage of images.



SOPAS interface, a comprehensive configuration and monitoring tool which makes possible a clear view of the read process.

→ Easy set-up, easy operation, easy exchange. All image-based code readers from the Lector® series are equipped with countless functions which maximum performance and reliability and make easy operation possible at the same time.



→ The Lector63x is the optimal all-round code reader with flexible optics and filter design. This modular optical concept allows for application-specific configuration.



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Select the right product variant and accessories directly online. There you will also find example applications as well as downloads such as CAD dimensional models, operating instructions and software.

www.sick.com/Lector63x



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SICK AT A GLANCE

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SICK combines sensor intelligence with industry expertise and certified consulting services. We provide the ideal foundation for scalable as well as tailor-made automation solutions and create added value along the entire value chain. Our close partnership with our customers is more than just a promise: Together, we optimize productivity, elevate quality, protect health and safety, and sustain the future. All with empathy and trust.

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