Lector62x
Perfect sight - in any light

IMAGE-BASED CODE READERS
Advantages

Nothing passes by it unnoticed

- high-performance decoder: Identifies all kinds of different codes, even in environments with low contrast, reflective surfaces, or contamination.
- highly resistant to ambient light: Stable reading in all installation positions – even in changing light conditions.

+ The Lector62x delivers reliable decoding, even under challenging conditions, and ensures high throughput rates in your application.

Puts any code into perspective

- always the right color: Two red and two blue LEDs ensure ideal illumination that is geared to the needs of the application.
- always well-filtered: The polarizing filter ensures reliable reading on even highly reflective surfaces.
- always the ideal illumination: Reliable identification of codes on curved and shiny surfaces, thanks to the dome attachment.

+ The powerful illumination concept of the Lector62x can be adapted to suit the individual conditions at the site. Different illumination colors enable the reading field to be illuminated uniformly – ensuring optimum performance in any application. The correct lighting accessories allow reliable code reading even under difficult ambient conditions.
Always useful

exceptionally easy
Setup wizard with auto focus, aiming laser, and green feedback
LED makes commissioning and handling easy

no worries about space
The compact design, featuring a swivel connector, ensures easy integration even if installation space is tight

stored
The microSD card for storing images and backup copies of parameters ensures convenient analysis and short machine downtimes during replacement work

innovative data handling
Thanks to comprehensive sorting, filtering, and output formatting, the read results are transferred to the controller in the desired format, cutting down on the amount of programming work required

With setup aids provided, plus a flexible design, intelligent cloning concept, and innovative data handling, very little work is required during commissioning or when replacing the device.
Product description
The Lector62x is a compact image-based code reader for the reliable detection of 1D, 2D, and stacked codes as well as plain text. Its high-performance DPM decoder can read even lasered or dot-peened codes perfectly – even in the case of low contrast levels, contamination, or poor code quality. Thanks to the powerful illumination concept with bi-color LEDs, the Lector62x is particularly immune to ambient light. It ensures stable reading even in changing light conditions. The compact housing with swivel connector makes it the ideal code reader for production lines where space is tight.

At a glance
- Intelligent decoding algorithms and high-performance DPM decoder
- Immune to ambient light
- Powerful LEDs in red, blue, infrared
- Flexible optical accessories such as polarizing filter or dome attachment
- Compact housing with swivel connector
- Setup wizard with auto focus, aiming laser, green feedback LED
- microSD card for storing images and backup copies of parameters
- Innovative data handling with comprehensive sorting, filtering, and output formatting functions

Your benefits
- Intelligent decoding algorithms for maximum reading performance and high throughput, even with highly reflective or contaminated codes
- Variable illumination concept ensures stable reading even in changing light conditions
- Maximum reliability on shiny or reflective surfaces thanks to flexible optical accessories
- Compact design and swivel connector for easy integration even if installation space is tight
- Automated setup wizard with auto focus and aiming laser makes commissioning faster and more cost-effective
- Short downtimes when devices are replaced thanks to parameter backup on MicroSD card
- Programming is quick and easy since read results can be transmitted to the control system in the desired format

Fields of application
- Automotive industry: production control and traceability of components
- Consumer goods industry: date code inspection, serialization, and package content monitoring
- Storage and conveyor systems: tote identification
- Electronics and solar industries: PCB, glass, and wafer identification
## Ordering information

Other models and accessories ➔ [www.sick.com/Lector62x](http://www.sick.com/Lector62x)

<table>
<thead>
<tr>
<th>Sensor resolution</th>
<th>Internal lighting</th>
<th>Optical focus</th>
<th>Codes/ data cards</th>
<th>Lens</th>
<th>Type</th>
<th>Part no.</th>
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1) Red.
2) Infrared.
3) Blue.

- **Variant**: ECO

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1) Red.
SICK AT A GLANCE

SICK is one of the leading manufacturers of intelligent sensors and sensor solutions for industrial applications. A unique range of products and services creates the perfect basis for controlling processes securely and efficiently, protecting individuals from accidents and preventing damage to the environment.

We have extensive experience in a wide range of industries and understand their processes and requirements. With intelligent sensors, we can deliver exactly what our customers need. In application centers in Europe, Asia and North America, system solutions are tested and optimized in accordance with customer specifications. All this makes us a reliable supplier and development partner.

Comprehensive services complete our offering: SICK LifeTime Services provide support throughout the machine life cycle and ensure safety and productivity.

For us, that is “Sensor Intelligence.”

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