Lector64x

High efficiency for code reading applications

IMAGE-BASED CODE READERS

SICK
Sensor Intelligence.

Lector64x
IMAGE-BASED CODE READERS

Technical data overview

Focus	Adjustable focus (manually)
Sensor resolution	1,600 px x 1,088 px
Scanning frequency	40 Hz
Reading distance	300 mm ... 2,200 mm
Enclosure rating	IP65
Exchangeable lens and illumination	✓
Ethernet	✓, TCP/IP
EtherNet/IP™	✓
Serial	✓, RS-232, RS-422
CAN	✓
PROFIBUS DP	✓, optional over external fieldbus module
USB	✓
PROFINET	✓
Weight	635 g

Product description

The Lector642 image-based code reader from SICK provides maximum performance and optimum throughput in logistics and factory automation. With a frame repetition rate of 40 Hz and real-time decoding, the Lector642 can reliably identify 1D, 2D and directly marked codes at the highest possible speed. The 1,7 megapixel image resolution offers a large field of view. The intuitive device equipment – featuring function buttons, auto setup, an aiming laser, an acoustic feedback signal, and a green feedback LED – reduce the amount of work required for training and installation. The microSD memory card can be used to store images or back-up copies of parameters. Due to SICK's 4Dpro feature, the Lector642 can be integrated into numerous industrial network.

At a glance

- 1,7 megapixel resolution; high frame repetition rate of 40 Hz
- Integrated high-power LED illumination
- Function buttons, aiming laser, optical and audible feedback signal
- Intelligent, rapid decoding algorithms

Your benefits

- Highly flexible code position, object height, and transport speed due to a large field of view and large depth of field
- Cost-effective, straightforward, modular integration of multiple devices adapted to the width of the conveyor belt
- Minimum training and installation work due to intuitive device equipment that includes function buttons, auto setup, integrated illumination, an aiming laser, an acoustic feedback signal, and a green feedback LED
- Intelligent decoding algorithms ensure maximum reading performance and high package throughput, even with codes that are difficult to read
- SICK 4Dpro platform facilitates quick and easy integration into numerous industrial networks

Fields of application

- Presentation camera for manual package sorting
- Material handling in automated sorting systems used by courier, express, postal service providers and in retail
- Tire identification
- Aggregation of food and pharmaceutical packaging
- Identification of codes and tracking serial numbers and manufacturing dates in pharmaceutical distribution applications

Ordering information

Other models and accessories ➜ www.sick.com/Lector64x

- **Variant:** main unit
- **Sensor resolution:** 1,600 px x 1,088 px
- **Internal lighting:** To be ordered separately as accessories
- **Optical focus:** adjustable focus (manually)
- **Exchangeable lens and illumination:** ✓
- **Lens:** C-mount, 2/3″, To be ordered separately as accessories

Codes/data cards	Type	Part no.
1D codes, Stacked, 2D codes	V2D642R-MCXXA6	1070119
	V2D642R-MCXXH6	1071472
1D codes, Stacked, 2D codes, direct-marked codes, plain text	V2D642D-MCXXA6	1082399

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."

WORLDWIDE PRESENCE:

Contacts and other locations –**www.sick.com**

SICK AG | Waldkirch | Germany | www.sick.com