ICR84x-2 FlexLens

By far the best solution

SICK
Sensor Intelligence.

ICR84x-2 FlexLens

Technical data overview

Focus	Variable (through exchangeable lens)
Sensor resolution	752 px x 480 px 1,280 px x 960 px 2,048 px x 1,944 px
Scanning frequency	60 Hz / 38 Hz / 10 Hz (depending on type)
Reading distance	100 mm ... 3,000 mm
Enclosure rating	IP65, IP30
Weight	900 g

Product description

Flexible reading distance, wide reading fields, high and low resolution codes, and depth of field are characteristics that make the ICR84x-2L FlexLens image-based code reader family a versatile solution for 1D and 2D codes. With standardized c-mount lenses together with different camera resolutions and variable lighting options, these image-based code readers can reliably identify a range of code types - from ink jet to directly-marked (DPM), laser marked, low-contrast, or damaged codes. An IP65 hood protects the lens, making the code reader suitable for use in dusty and damp ambient conditions. The integrated live image and auto setup features ensure ease of operation and automatic teach-in of settings.

At a glance

• Configure with live image and auto setup
• Fast, omni-directional reading of printed and direct marked 1D and 2D codes
• Rapid image and data transmission via Ethernet interface
• Adjustable reading distance thanks to the use of c-mount lenses and illumination
• Industrial IP65 housing (with optional hood and protective cap) for harsh ambient conditions

Your benefits

• Fast, cost-effective commissioning via intuitive user interface with live image and auto-setup configuration
• Omni-directional identification of 1D and 2D codes makes it possible to identify objects that are not aligned
• High-speed, reliable decoding of low contrast and direct part marked codes guarantees secure identification and flexible use
• Different camera resolutions, c-mount lenses, illumination types, and colors ensure support for a wide range of solutions.
• Dynamic parameter switching makes decoding different code qualities possible with just one setting

Fields of application

• Automotive manufacturers, part suppliers: engines, car bodies, components
• Packaging industry: commercial goods, pharmaceutical
• Logistics automation: tote box identification, pallet identification, package identification, hand-presentation applications
• Pharmacy: automatic storage systems

Ordering information

Other models and accessories ➔ www.sick.com/ICR84x-2_FlexLens

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**

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