



## ICR85x-2

Improved traceability for 1D and 2D codes

**SICK**  
Sensor Intelligence.



## Technical data overview

<b>Focus</b>	Fixed focus
<b>Sensor resolution</b>	2,048 px / 512 px (depending on type)
<b>Scanning frequency</b>	13 Hz ... 15 kHz 113 Hz ... 45 kHz
<b>Reading distance</b>	53 mm ... 121 mm (depending on type)
<b>Enclosure rating</b>	IP65, IP30
<b>Weight</b>	900 g

## Product description

The ICR850-2 image code reader family has a large field of view, making it easier to capture multiple codes at the same time. This helps ensure higher throughput and better traceability of 1D and 2D codes. Its high-resolution chip enables the scanner to read smaller codes – up to 3 mils. It has omni-directional reading and integrated illumination ideal for detecting low contrast, laser etched codes on printed circuit boards and high-speed document handling. Three model variants offer an ideal solution for different types of applications where the product is moving, such as electronics (PCB), document handling, and packaging.

## At a glance

- Reliable identification of up to 50 codes per second, regardless of orientation
- Easy trigger handling, codes are identified on-the-fly
- Large reading field
- High-speed reader
- High resolution

## Your benefits

- Large field of view captures codes in different positions without having to adjust the mounting of the reader
- High-speed, reliable decoding of low contrast, direct part marked codes, even on moving objects
- Reads codes in real-time without stopping the conveyor, increasing throughput
- Even suitable for use in harsh ambient conditions thanks to rugged IP65/IP67 housing
- Easy configuration via graphical user interface, saves time
- Omni-directional identification of 1D and 2D codes makes it possible to identify objects that are not aligned
- A wide variety of resolutions and reading distances provide a solution for any application

## Ordering information

Other models and accessories → [www.sick.com/ICR85x-2](http://www.sick.com/ICR85x-2)

## 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](http://www.sick.com)