ICR89x

The next generation high-end camera system

SICK

Sensor Intelligence.

Technical data overview

Focus	Dynamic focus control
Sensor resolution	8,192 px
Scanning frequency	19,100 Hz
Reading distance	1,400 mm ... 3,300 mm
Enclosure rating	IP64
Weight	37 kg

Product description

The ICR890 is a CCD-based camera system that reads 1D and 2D bar codes used in high-performance sortation systems. It provides the highest available resolution and the best image quality on the market, resulting in better overall performance. Its fully integrated modular design offers on-the-fly JPEG compression that allows for OCR-quality images that take less network bandwidth. The ICR890 includes increased processing power, support of multiple image output paths, optimized decoders, and extended XML file content.

At a glance

• Large reading field for conveyor coverage up to 1,300 mm
• High-end CCD sensor (8,192 pixel)
• Integrated, real-time focus control
• Integrated high-performance decoder board
• Integrated digital zoom function
• OCR compatible picture quality
• Online status monitoring of all system components
• Constant resolution over the entire DOF

Your benefits

• Fast and reliable identification of poorly printed codes, optimizes read rates
• Easy configuration with SOPAS software minimizes installation and maintenance efforts
• Real-time performance monitoring and analysis using SICK visualization platform SVP
• Modular design ensures a short mean time to repair (MTTR under 10 min)
• High reliability (80,000 h MTBF) ensures a long lifetime
• Low cost of ownership
• Maintenance-free, no cyclic calibrations
• Simple component exchange via a quick-action lock system

Ordering information

Other models and accessories ➜ www.sick.com/ICR89x

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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