

ICR86x

A new kind of Image Code Reader

SICK
Sensor Intelligence.

Technical data overview

Focus	Variable (through exchangeable lens)
Sensor resolution	640 px x 480 px 1,024 px x 768 px
Scanning frequency	30 Hz
Reading distance	200 mm ... 3,000 mm
Enclosure rating	IP54
Weight	505 g

Product description

The ICR86x family opens new possibilities to identify Data Matrix codes at variable reading distances. The ICR86x combines the advantages of high performance, industrial camera technology with the identification knowhow of SICK. Each application offers different challenges, in code resolution, code printing, reading distance, etc. The ICR86x overcomes these various challenges through its remarkable flexibility. The ICR86x can be equipped with any conventional CS- or C-mount lenses. With appropriate illumination this permits reading distances of up to 2 m. The ICR86x is capable of reliably decoding all kinds of marking types. The device is particularly characterized by its reading power for direct part marking, e.g. laser-printed or dot-peened Data Matrix codes. SICK offers a set of pre-qualified lenses and light sources.

At a glance

- Easy configuration due to preconfigured, integrated Data Matrix decoder
- Wide variety of lenses and illumination
- Flexible interfaces: RS-485 and Ethernet interface
- Robust IP54 housing, with lens protection hood IP65

Your benefits

- Data Matrix identification even with a reading distance of up to 2 m
- Flexible adaptation of reading distances by exchangeable lenses
- Free choice of illumination
- Quick configuration through easy and comfortable GUI

Ordering information

Other models and accessories → www.sick.com/ICR86x

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