



The start of a new era.  
The ICR 850 2-D code reader.

**SICK**

# The gateway to the future: 2-D code.

## An intelligent technology wins through.

The market never takes a rest. Faster, better and safer production is called for now.

2-D coding contributes towards actually achieving these aims in many applications and branches. Trust our leading application expertise in automatic identification.



## ICR 850 Image Code Reader advantages at a glance:

- identification at transport speeds of up to 5 m/s
- resolution of up to 0.17 mm allows even the smallest codes to be read
- variable label positioning possible with an image field of more than 80 mm
- a scanning frequency of 15 kHz allows simultaneous decoding of linear and matrix codes
- complete sensor with integrated illumination
- Ethernet interface for forward-looking network concepts



The ICR 850 Image Code Reader.

### BRANCHES AND APPLICATIONS

- microelectronics
- circuit-board production
- document handling
- the pharmaceutical industry
- packaging machines

# Why the investment pays.



## Less space required

2-D codes require considerably less space than bar codes. Thus more information can be located in very small spaces. The product can then carry an amount of information around with it that up to now could only be stored by database systems.



*2-D codes are used wherever data and read reliability matter.*



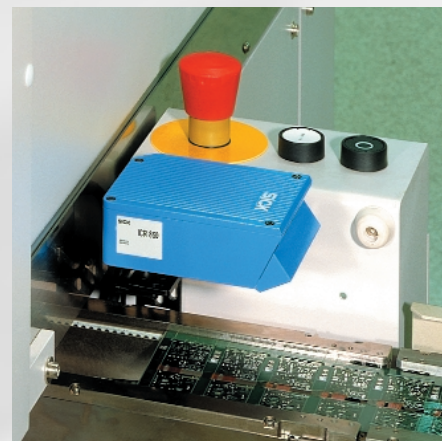
## Increased reading reliability

By using intelligent data redundancy processes, common 2-D codes provide reliable read results even if some of the code has been destroyed, dirtied, or cannot be read for some other reason.



## Reduced costs

The ICR 850, as a complete sensor with integrated illumination, can now read economically what was only possible before using expensive systems.



*2-D codes play a leading role in the area of traceability.*



## Trouble-free technological upgrade

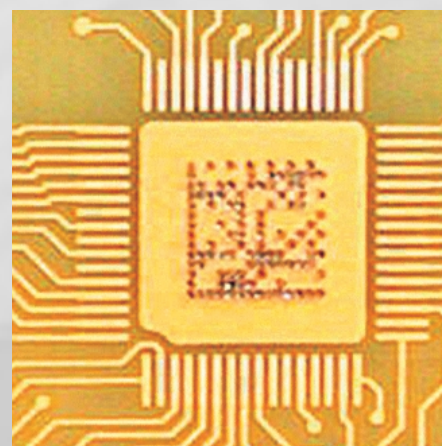
The ICR 850 supports absolutely trouble-free conversion to the new technology as a result of its compatibility to conventional bar-code readers in terms of connection technology and operation.



## Easy handling

As a result of its well thought out and proven operation concept the ICR 850 can be quickly adapted to special applications.

*The end of the code label: direct marking on assemblies and printed circuits.*



# Interested? Copy, Fill In and Fax Back.

Company

Name

Position/  
Department

Address

Post code/  
Town

Phone/Fax

Industry/Field  
of application

Yes, I would like to know more about the ICR 850 2-D code reader.

I am interested in a detailed consultation with one of your project consultants. Please arrange an appointment for me.

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