



# OCR110

## Optical Character Recognition Reader

Visual markings for identification of goods or workpieces – whether scored or printed using dot matrix, inkjet or laser printers – are more important than ever for process optimization, traceability, and transparency in logistical processes.

In today's market, the ability to manufacture quickly and cost-effectively while maintaining high quality and precision results in significant competitive advantages. The new OCR scanning system from IOSS helps you greatly with these tasks.

The tried-and-tested IOSS modular concept for industrial image processing was also implemented in the design of the OCR110 optical character recognition scanner. Various integrated lighting components and lenses together with intelligent algorithms ensure excellent image quality regardless of the current ambient conditions.

Engravings, dot matrix and laser markings as well as ink jet markings on metallic surfaces with various different coatings, on plastic or rubber packages, wafers or solar wafers can all be read reliably – one or two lines at a time, while stationary or in movement. The Teach-In module allows you to teach the OCR110 system for your application and different font types can also be read.

Our OCR110 optical character recognition system offers Ethernet and RS232 ports as well as an optional Profibus port – the universal field bus for communications in the industrial processing industry. At IOSS, our philosophy is to continuously develop and maintain our software and hardware. Thus, every purchase of an IOSS scanning system is guaranteed to be a worthwhile investment in the future.

Further information about other OCR readers are available on our homepage.



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## Technical Data



<b>Application area</b>	Scanning of directly marked characters using OCR
<b>Sensor technology</b>	Progressive scan CCD, 640 x 480 or 1024 x 768 pixels
<b>Motion speed</b>	Up to 5 m/s
<b>Reading distance</b>	5 – 1500 mm, depending on lens and lighting conditions
<b>Image size</b>	1 – 150 mm, depending on lens and lighting conditions
<b>Marking method</b>	Any
<b>Interfaces</b>	<ul style="list-style-type: none"><li>• Ethernet</li><li>• RS232</li><li>• PLC lines for trigger, good/bad and busy-signals</li><li>• optional Profibus/Profinet</li></ul>
<b>Teach In</b>	Simple configuration using graphical user interface
<b>Dimensions</b>	70 x 81 x 142 mm
<b>Weight</b>	approx. 860 g
<b>Power supply</b>	24 V DC
<b>Temperature range</b>	0 – 40° C
<b>Protection rating</b>	IP54
<b>Housing</b>	Aluminium

Subject to change without prior notice. If you require additional information, please contact us.



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