



WAFER READER DIVISION.

powered by IOSS



IOSS WID120
WAFER ID READER

MADE IN
GERMANY

The longer it works, the faster it gets.

New Benchmarks

- Revolutionary integrated RGB illumination
- Fully automatic exposure control
- Code-Shift-Compensation
- High and fast reading rates
- Intelligent configurations handling
- Precise fine tuning
- Additional external RGB light source

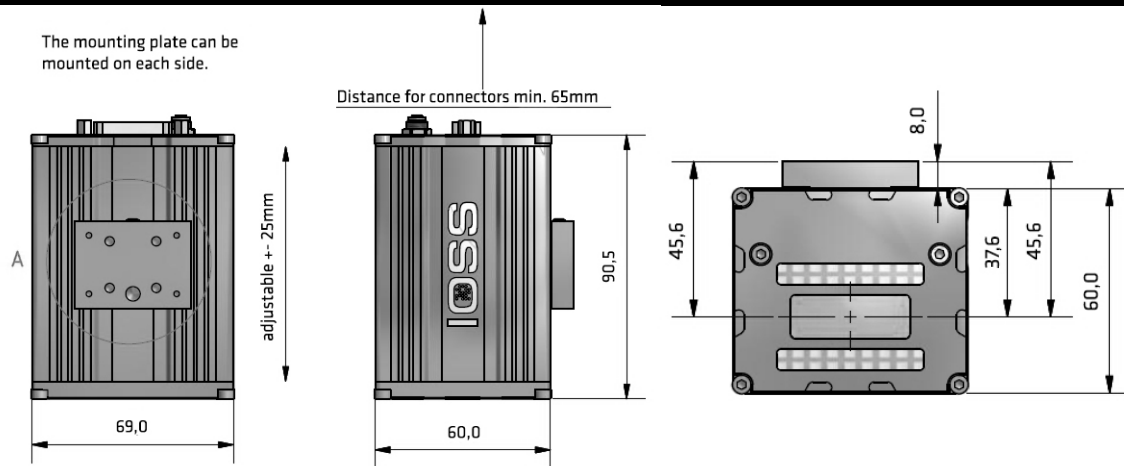
Easy graphical user interface, w/ teach-in wizard

Easy integration

Best Cost of Ownership

- Achieve highest yield
- Increase of MTBA/MTBF
- Decrease of MTTR

OCR, Barcode, DataMatrix and QR code



Reading Capability

Standards

SEMI M12, M13, M1.15, SEMI T1.95

OCR

SEMI FONT (straight, concave and convex), NON SEMI FONTS

2D codes

ECC200, T7 DataMatrix, QR-Code

Barcodes

BC412, IBM412 and Code 39

Region of Interest

Flexible auto catching ROI

Configurations

Up to 99 per job

Illumination and Optics

Field of view

35×13mm, Ultra-wide field of view

LED

Multi-channel RGB (Red/Green/Blue)

620-650nm (Red) - 500-555nm (Green) - 440-480nm (Blue)

Light mode

15 internal / external RGB

+ interface for external RGB light source

Intensity of illumination

Variable with automatic exposure control -

Dynamic Range 1: 10,000

Lens type

Telecentric aspherical lens (made in Germany)

Depth of focus

±4mm

Communication I/O

Network

10/100Base-T Ethernet port ×1, TCP/IP protocol

Serial

RS-232C

Protocol

C-library, LKx5 Protocol, TEL Protocol, TSK Protocol, EG Protocol and customized

Discrete input/output

Included 2 Input + 2 Output

Status indicator

Power LED + Status LED

Master/Slave

For automatic front and backside reading

Network features

Database connection and logging

Certificates

Compliance regulation

CE, RoHS, FCC

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