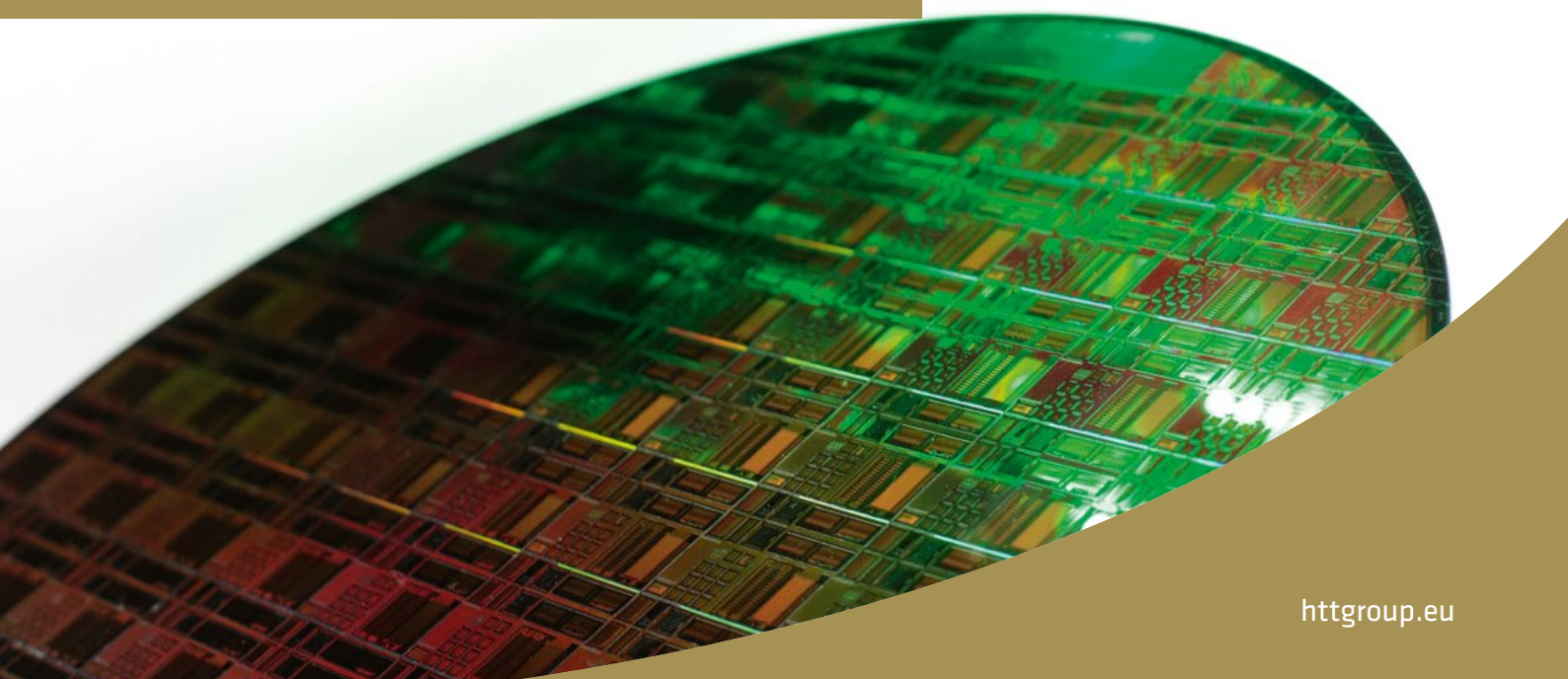




WAFER READER DIVISION.  
powered by IOSS



## IOSS WID120 WAFER ID READER.

- Automated State of the Art RGB Illumination System
- Easy to use GUI for reaching results within few minutes
- Decodes several code types
- Highest and reliable reading performance
- Intelligent configurations handling

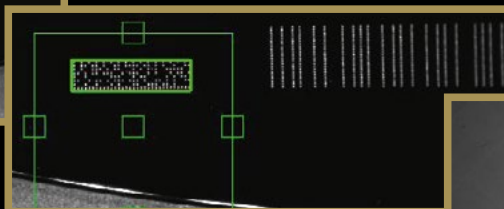


The **WID120 Wafer ID Reader** is the newest generation of advanced Wafer ID Readers. It is designed to close the gap between easy usability and highest flexibility. Due to the built-in intelligence, the reader prevents time consuming (re-)teaching procedures.

With up to 18 different light modes, the **WID120** decodes OCR, Barcode, DataMatrix and QR-code markings regardless of the wafer material.

Released in 2016, the **WID120** is a proven tool, helping our customers to automate their Wafer ID Reading and ensure 100% wafer traceability throughout all production processes.

Thanks to its fully automatic light control and intelligent configurations handling, the IOSS **WID120 Wafer ID Reader** is able to optimize itself and improve read rates significantly. The wizard teach-in process makes it very easy for everyone to setup the camera and start decoding.

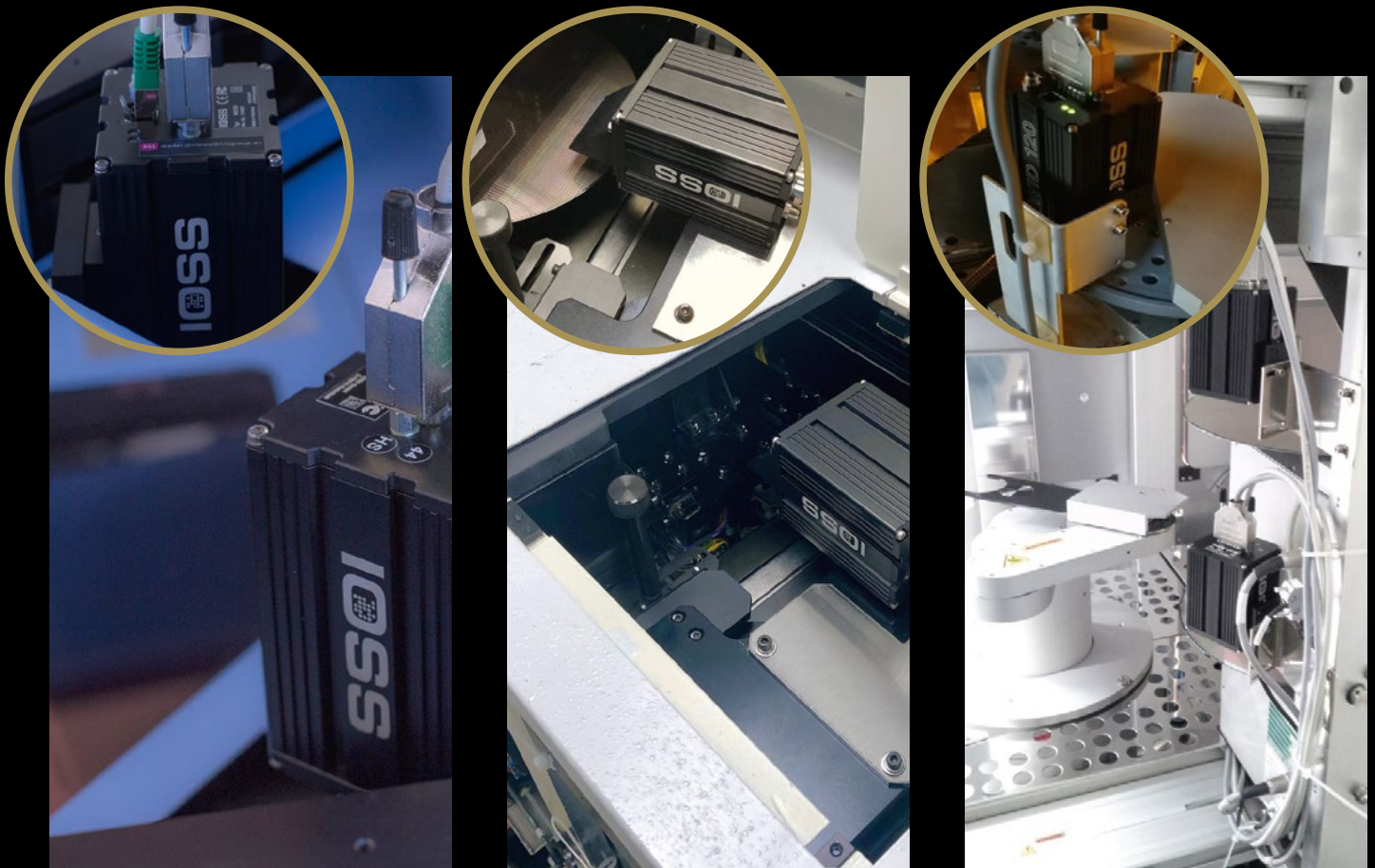


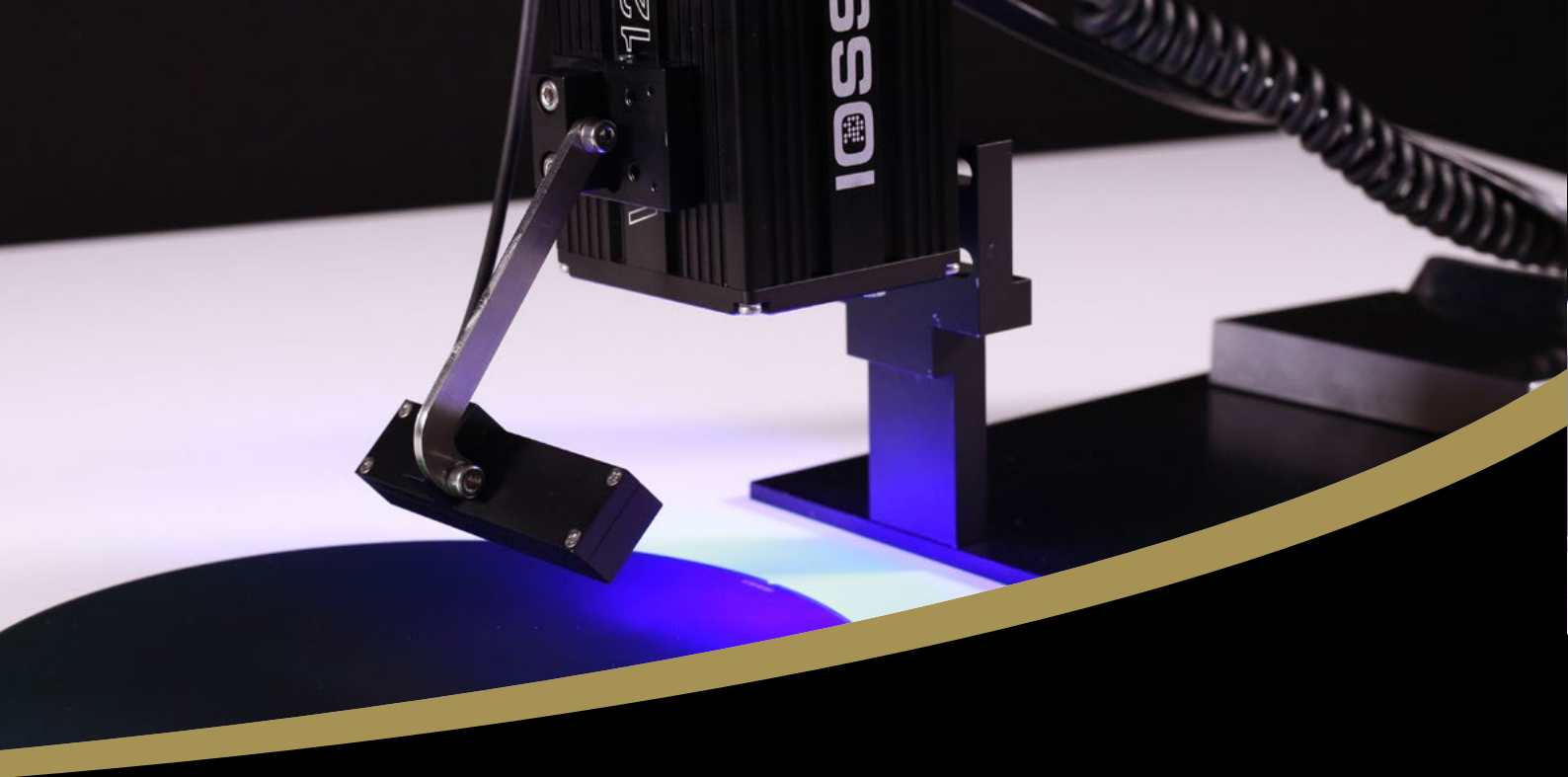


## EASY INTEGRATION

Including several interface options, the reader can be integrated into any semiconductor equipment tool.

Due to long-term relationships with original equipment manufacturers as well as chip producers our experience and expertise is extending continuously.





## ACCESSORIES

### EXTERNAL LIGHT

The external light is used to achieve highest contrast levels on complex structures



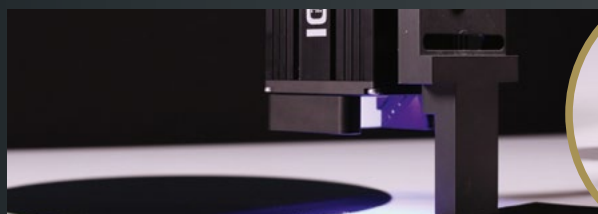
### 90° MIRROR

For horizontal mounting of the WID120 Wafer ID Reader



### BEAM SHIFT MIRROR

Due to given integration limitations it might be necessary to shift the field of view





## mBWR200 BATCH WAFER READER.

- Automated Batch Wafer Reader for 8" wafer
- Pre-Alignment / End-Alignment
- Slot map detection
- About 35s per cycle
- 10,1" touch panel
- Windows 10
- Optional:
  - SECS/GEM interface
  - RFID reader

The **Mechatronic mBWR200** was introduced to further enhance the wafer traceability of 8" wafers. Including the WID120 Wafer ID Reader, the **mBWR200** decodes all 25 Wafer IDs, no matter if front- or backside, within a minute. The **mBWR200** can transfer all data into a fab host system via the optional SECS/GEM communication interface. The End-Alignment feature can be used to prepare the wafer batch for the next process steps.

The slot map indicates how many wafers are in the cassette and in which slot they are located. With the very intuitive user interface and the fast reading performance the **Batch Wafer Reader** leaves nothing to be desired.

HTT is also the responsible representative for the **QES Batch Wafer Reader**, which covers the same functionality for 4 inch and 6 inch wafers.

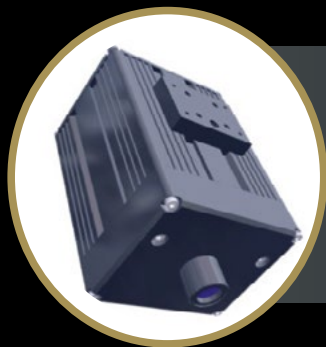
## VISION SYSTEMS FOR SPECIAL APPLICATIONS

Besides the WID120 Wafer ID Reader, HTT offers a variety of vision systems to match the needs of the semiconductor market. Do not hesitate to get in touch with us for customized decoding solutions.



### DMG100

DataMatrix and QR-Code Reader for high reflective surfaces e.g. glass



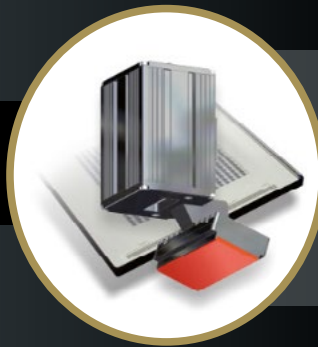
### DMG110

DataMatrix and QR-Code Reader for tiny codes



### DMR220

DataMatrix and QR-Code Reader with configurable optics



### BCA110

Barcode Reader for reticles



**New IOSS Reader**  
DMR410/420  
coming soon

## WID110 TO WID120 SOFTWARE UPGRADE

Bring your **WID110 Hardware** to the next level. Upgrade it with the **WID120 Software** and benefit from the State of the Art graphical user interface & advanced decoding filters.



**htt**

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