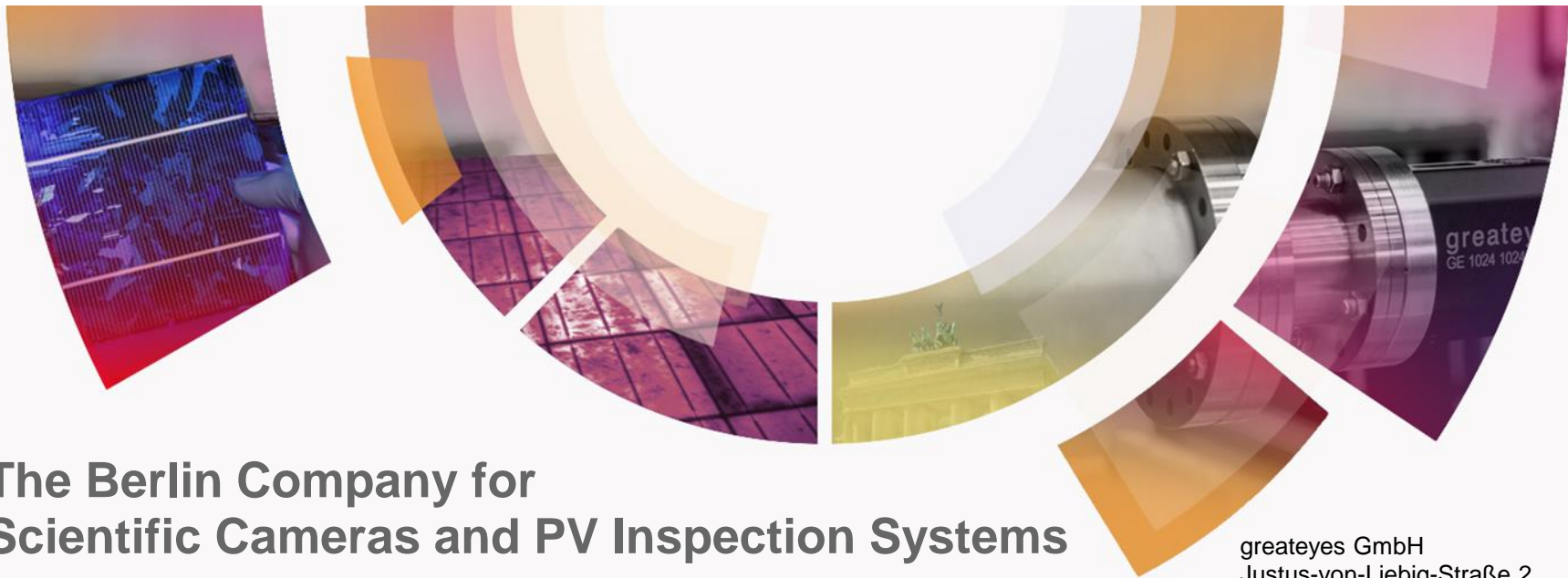


DISCOVER WHAT THE EYE CAN'T SEE

greateyes



The Berlin Company for Scientific Cameras and PV Inspection Systems

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„greateyes develops, manufactures and markets high performance digital cameras as well as optical inspection systems for the solar industry.“

- Founded in 2008
- Currently 20 employees
- Headquarter in Berlin, local partners in 24 countries
- Two business units: (I) scientific cameras, (II) inspection systems
- International customer base – mainly in Asia, Europe, and the U.S.
- Winner of Innovation Award Berlin-Brandenburg 2010
- Ownership of various patents
- Focus on innovations
- Powerful cooperation partners (joint R&D projects with Humboldt-Universität Berlin, Max-Born-Institute,DLR,..)



Scientific CCD Camera Portfolio

NIR / VIS / UV



- window flange series
- vacuum head
- more than 20 models

EUV & Soft X-Ray Detectors



- vacuum flange series
- more than 15 models



- in-vacuum series
- more than 10 models



- wafer-scale camera

greateyes

DISCOVER WHAT
THE EYE CAN'T SEE

-90 °C DEEP COOLING

GigE / USB 3.0
INTERFACE

MULTI-MHZ
READOUT

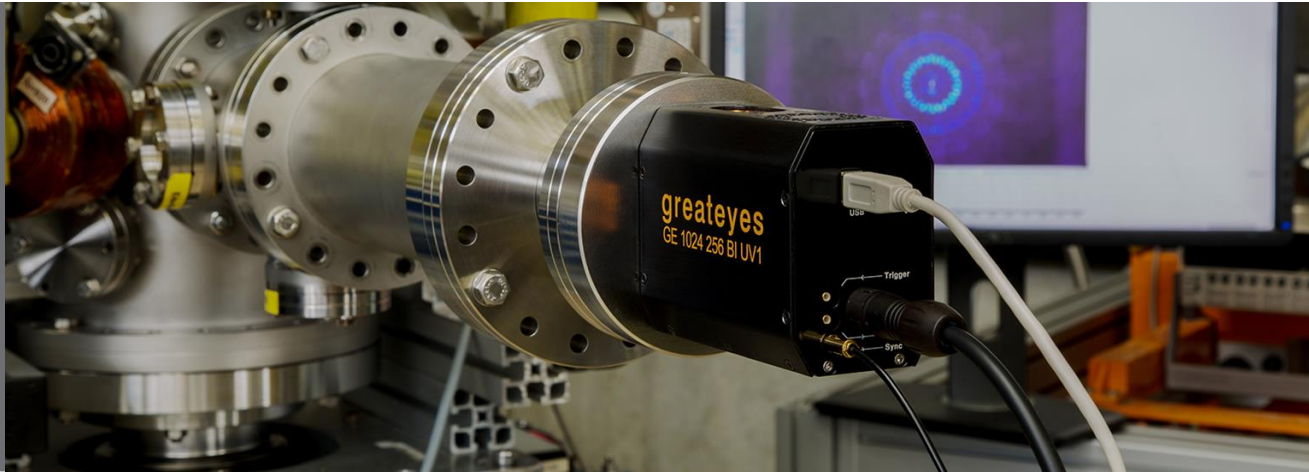
4 OUTPUT NODES

18-BIT ADC



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Applications

- + In-vivo Fluorescence Bioimaging
 - + UV/ VIS/ NIR Spectroscopy, Raman Spectroscopy
 - + Surface Enhanced & Tip Enhanced Raman Spectroscopy
 - + Quantum Studies / Quantum Computing / Quantum Cryptography
 - + High Energy Detection (X-rays, Neutrons, Electrons)
 - + Fluorescence Microscopy (Confocal & Wide-Field)
-