

### MEMS based laser scanning solutions

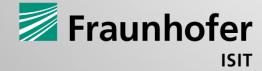
Dr. Ulrich Hofmann
Thomas von Wantoch

## SpinOff of Fraunhofer ISIT























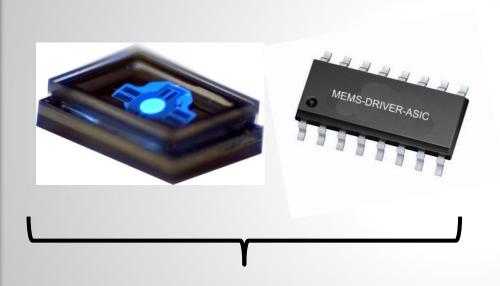


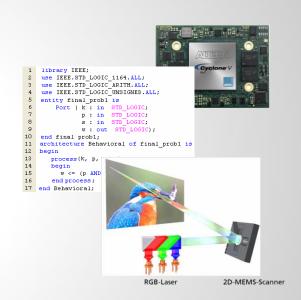






### Our product





Customized application specific MEMS Scanner module

Customized application specific system electronics





Automotive LIDAR



- Automotive LIDAR
- Automotive Laser-Headlights



- Automotive LIDAR
- Automotive Laser-Headlights
- Automotive Head-Up Displays



- Automotive LIDAR
- Automotive Laser-Headlights
- Automotive Head-Up Displays
- Augmented Reality Displays



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- Automotive Laser-Headlights
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- Augmented Reality Displays
- 3D-Cameras









Hermetic package







- Hermetic package
- Mirror size up to 20 mm







- Hermetic package
- Mirror size up to 20 mm
- Scan angle up to 180°







- Hermetic package
- Mirror size up to 20 mm
- Scan angle up to 180°
- Scan frequency up to 100 kHz







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- Mirror size up to 20 mm
- Scan angle up to 180°
- Scan frequency up to 100 kHz
- Laser power load up to kW







- Hermetic package
- Mirror size up to 20 mm
- Scan angle up to 180°
- Scan frequency up to 100 kHz
- Laser power load up to kW
- Mass production ready (8 inch)

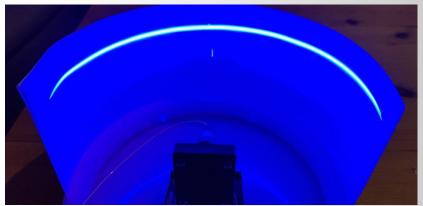






## LIDAR Scanner with 180° scan angle







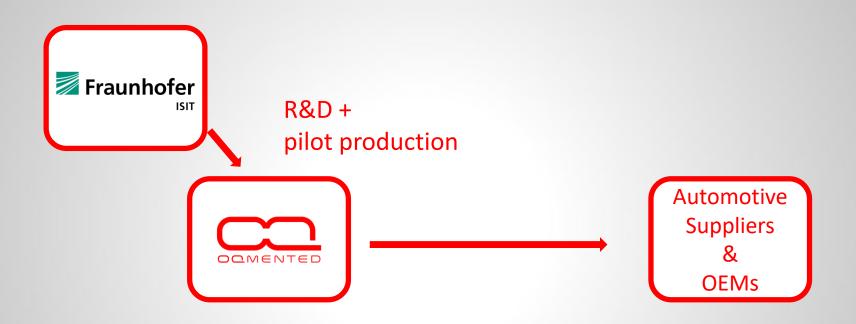


## One-stop-shop



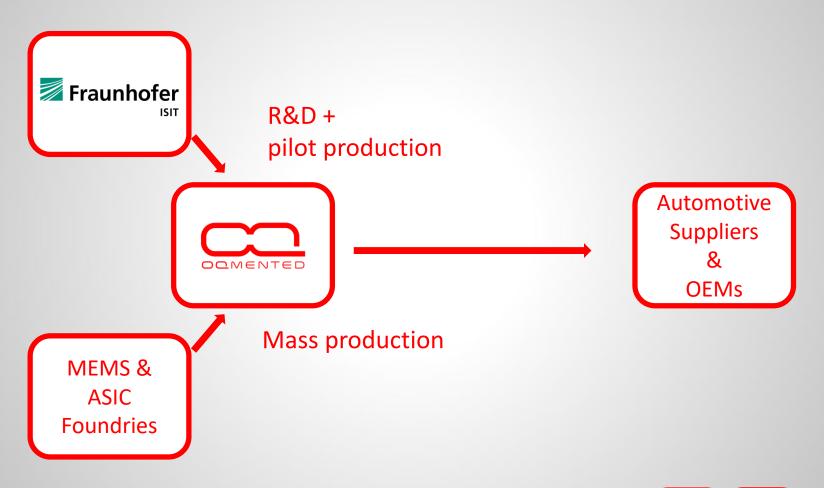


## One-stop-shop





### One-stop-shop





### Meeting you at our booth!

#### Thanks!



