

VISUALIZATION IN THE OPERATING ROOM.

LIGHT SOURCE – CAMERA SYSTEM –
VISUALIZATION.



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CAMERA SYSTEM

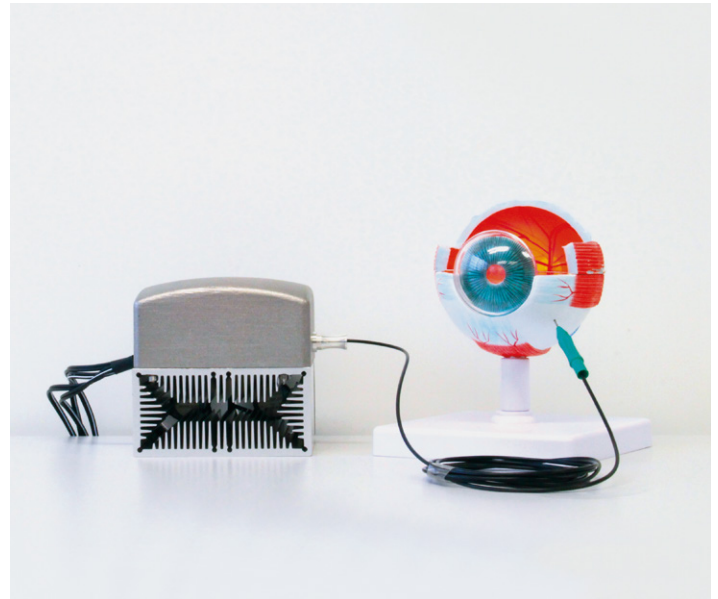
- ▶ Application: e. g. microscopy and endoscopy
- ▶ Camera adapters
- ▶ Lenses
- ▶ Multi-chip prism assemblies
- ▶ Mono- and stereo systems

LED LIGHT SOURCE (WHITE/RGB)

- ▶ > 500 lumen with fiber bundles
- ▶ As modules or in the enclosure with touch display
- ▶ White LED: color temperature 6.500 k; Ra > 70
- ▶ Individual color temperature adjustment
- ▶ Custom specific NA
- ▶ Control with miscellaneous interfaces
- ▶ Life time > 50.000 h

3D VISUALIZATION

- ▶ Near-to-eye displays
- ▶ Adaption of the field of view
- ▶ Dioptic correction
- ▶ High resolution QXGA (2,048 x 1,536)
- ▶ Small compact module
- ▶ Modifications to customer requirements



Example of an OEM LED light source module