



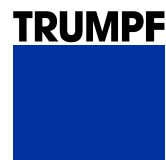
TruVidia:

# Clarity promotes communication

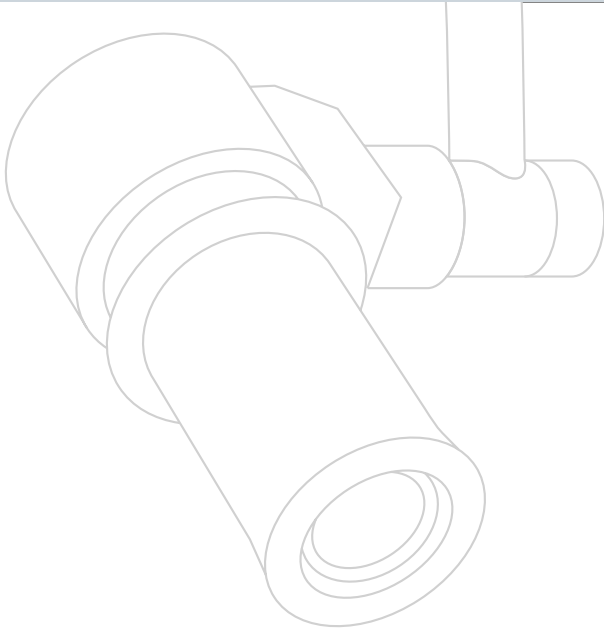
Now also in 3D

The latest generation of the innovative camera system for the OR field.

Machine Tools/Power Tools  
Laser Technology/Electronics  
Medical Technology



# Eye to eye with the future.



See more.

From documentation and archiving to visualization for training sessions, cameras are an ever-present feature in the operating room, with image quality ranging from standard definition and high definition to 3D.

TruVidia HD, launched by TRUMPF in 2006, was the world's first OR in-light camera, offering razor-sharp images with a resolution five times higher than PAL or NTSC.

The latest generation incorporates 3D technology, putting 3D images in the OR field. This represents yet another milestone for TRUMPF, and expands the TruVidia portfolio to meet your requirements.





## TruVidia – a new dimension in work efficiency:

- **Easy of visibility.**

Watch a surgical procedure in the next room, city or country.

- **Comprehensive documentation.**

Document operations easily and in more detail than ever before.

- **Enhanced visualization.**

Enable observers to gain a realistic impression of your operation.

- **Outstanding flexibility.**

Whether integrated into the OR light head or on a separate support arm, experience the unique ease of use and optimum flexibility of TruVidia.

- **Proven quality.**

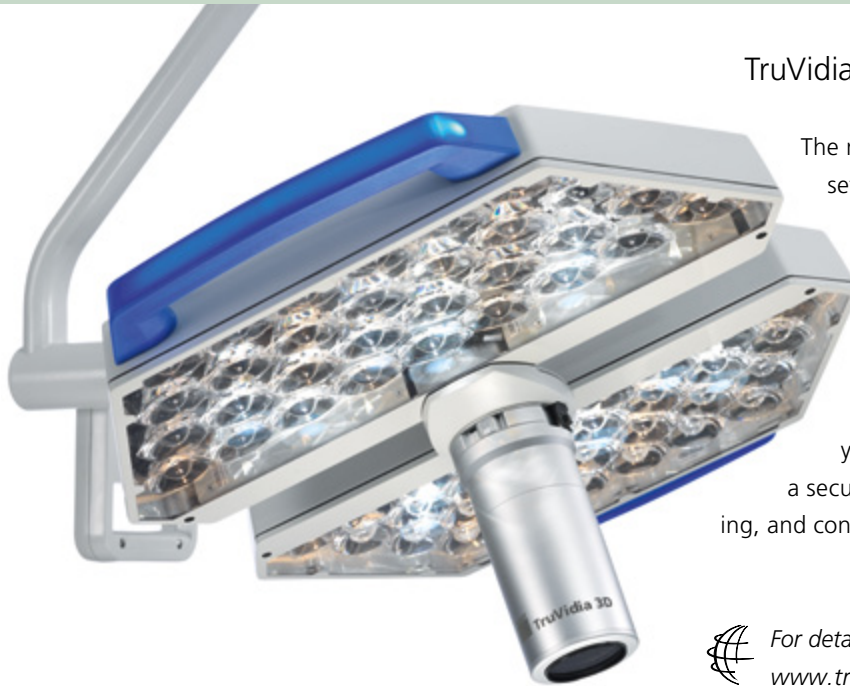
Rely on the top quality provided by the technological leader in OR lighting and camera systems.

- **Retrofittable.**

Benefit from greater investment security and future proofing through the optional retrofitting or replacement of SD, HD and 3D cameras.




# A system for every requirement.



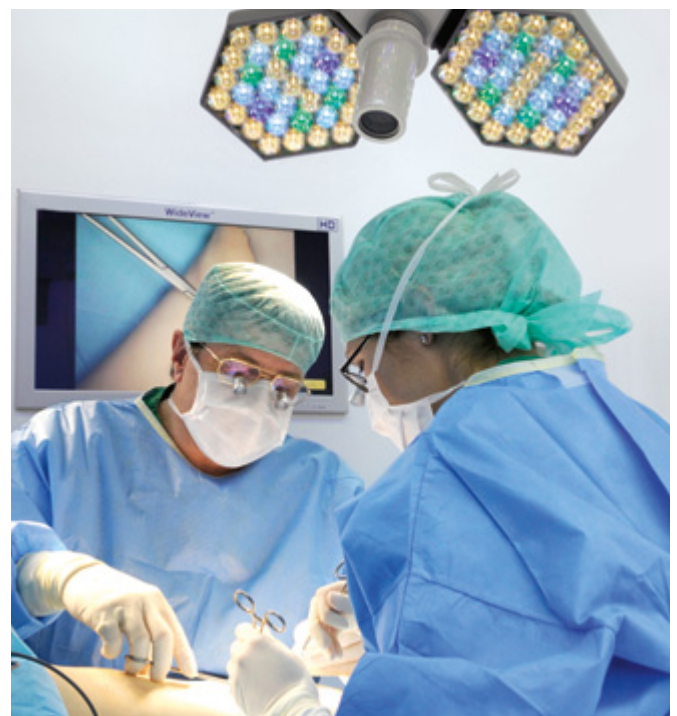
## TruVidia 3D: a whole new dimension.

The most advanced product in the TruVidia family sets new standards. Not only does the 3D camera integrated into the OR light provide a brilliant 3D image, it can also be easily switched to 2D HD operation during the procedure. Also, there is then no need to replace every monitor or any other technology with 3D-compatible playback or recording devices. For you this means high returns of investment and a secure future in the fields of documentation, teaching, and consulting.

 For details on connections and image formats, please go to [www.trumpf-med.com/en/truvidia](http://www.trumpf-med.com/en/truvidia)

### All the benefits of TruVidia 3D:

- For the first time, the 3D camera unit is now built directly into the OR light head, for outstanding field of vision
- Integrated routing functionality for two image sources
- Compatible with conventional 3D transfer technologies
- Integrated 2D recording (with 3D as an option)
- Unrestricted streaming functionality in 2D, with 3D as an option
- High efficiency due to compatibility with existing systems and connection options



# Open for every combination.

## TruVidia HD: razor-sharp images.

The TruVidia HD camera systems offer full HD images that are more detailed and more realistic than SD images. The high-quality Codec for digital live streaming of video sequences in HD quality enables you to provide your worldwide audience with outstanding images. You can also save still images or video sequences in the OR, for example on a USB memory stick. The HD system interface is compatible with the TruVidia 3D or SD camera, for retrofitting or flexible management of different camera systems.



## TruVidia SD: the reliable standard solution.

The combination of a trusted solution, motorized image reorientation of more than 360°, and the optionally available image data storage, means you are ideally equipped for day-to-day operating tasks. Naturally future-proof: the SD system interface is compatible with the TRUMPF HD or 3D camera.



### All the benefits of TruVidia HD:

- Precise, full HD 1080i/1080p image resolution offering five times the picture quality of PAL or NTSC
- Compact, durable camera technology
- Interference-free transmission of HD signals
- Compatible with all current systems: 3G SDI, HD-SDI and DVI

### All the benefits of TruVidia SD:

- Digital video transfer of SD signals via the Serial Digital Interface (SDI)
- Compact, durable camera technology
- An integrated image stabilizer compensates for distorted images

### Added value: Adaptive Light Control Plus.

Constant illumination and optimum video image at varying distances to the operating field are maintained thanks to ALC Plus Technology. All TruVidia cameras are compatible with the ALC Plus sensor system.

# Flexibility with no compromises.



TruVidia 3D control unit



Standardized system interface for all TruVidia cameras



TruVidia on separate support arm

## Intelligent, intuitive operating concept.

In the OR, there is no room for errors. That is why every aspect of TruVidia camera operation has been designed to be as easy as possible. Standard functions such as focusing and color temperature balancing are automated. The camera, with sterile positioning, can also be adjusted to suit your requirements, e.g. with regard to zooming and image rotation.

The TruVidia control unit functions as a switch-point for camera functions and outputs video and image data in all standard signal formats. The three most important camera functions can also be sterilely operated using the operating panel of the TRUMPF iLED 5 OR light, in both 2D and 3D mode.

The control device can also be located in the TRUMPF TruPort ceiling-mounted supply system or in other manufacturers' device-holders.

## Easy to use, rapid replacement.

Depending on requirements and current planning, TruVidia cameras can be used in different ORs, either integrated directly in the lamp head or on a separate support arm. Excellent handling enables complete freedom of movement and allows the camera and control units to be flexibly positioned. There is also the easy-to-use rotation function supported by motorized image scroll direction. The standardized system interface makes it especially easy to replace all of the cameras in the TruVidia family.




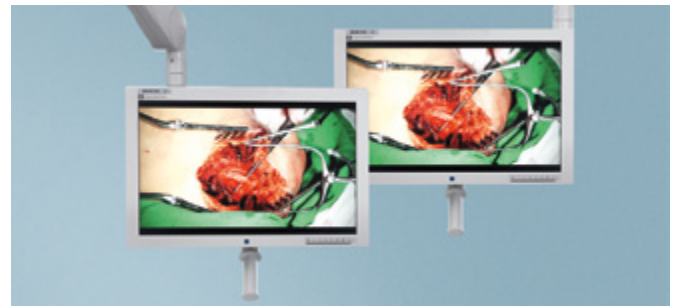
Perfectly  
equipped in  
every respect.

### TruVidia accessories: the ideal complement.

To benefit from the excellent recording and transmission quality of TruVidia for image output, TRUMPF offers a selection of the latest high-resolution (LED) monitors. The combination of full HD resolution and automatic synchronization of color temperature between OR light and camera provides you with realistic images with a high level of detail at all times. And, in the case of the top-of-the-line models, also in 3D.

The new monitor holders with optimized cable management enable trouble-free storage of all signal cables. In combination with the ergonomic monitors, the flexible monitor holders provide a clear view of the OR field at all times.

 To learn more, go to [www.trumpf-med.com/en/monitor-holder](http://www.trumpf-med.com/en/monitor-holder)



High-resolution TFT monitors




Monitor holders with cable management

### Ideal partner: TruVidia Manager – the video management system for the OR.

The TRUMPF TruVidia Manager, designed for complex processing of video and audio data, was created from our ongoing objective to support you in your daily work and to increase your productivity.

Fully HD-compatible, easy to install and to operate, TruVidia Manager opens up new communication options in daily hospital routines.

 To learn more, go to [www.trumpf-med.com/truvidiamanager\\_en](http://www.trumpf-med.com/truvidiamanager_en)



TruVidia Manager

## TRUMPF Medical Systems worldwide.

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### The TRUMPF Group.

Since the founding of TRUMPF, this traditional German company, in 1923, the corporate philosophy of the entire TRUMPF Group has included the principles of innovation, quality and customer proximity. TRUMPF does not see innovation as being an end in itself, but unequivocally focuses its innovative strength on the needs of users. And with great success: Today TRUMPF is one of the world's leading technology companies for machine tools as well as laser and medical technology.

Milestones in medical technology at the company occurred in 1978 with installation of the first ceiling stands, in 1997 with development of the patented coupling system for operating tables, in 2005 with the world's first OR lights featuring LED technology, and in 2010 with introduction of the first modular ceiling-mounted supply unit.

### Subsidiaries and branch offices:

#### Austria

TRUMPF Medizin Systeme Österreich GmbH

#### France

TRUMPF AMSA SAS

#### United Kingdom

TRUMPF Medical Systems Ltd.

#### Italy

TRUMPF MED Italia s.r.l.

#### U.S.A.

TRUMPF Medical Systems, Inc.

#### Australia

TRUMPF MED Australia

#### Singapore

TRUMPF (Pte.) Ltd. (Medical Division)

#### China

TRUMPF Medical Systems Ltd.

#### United Arab Emirates

TRUMPF Medical Systems Dubai

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