

# Highlights 2020

OR1™





## OR1™ – For Optimal Workflow in the Operating Room

The innovative KARL STORZ OR1™ integration solutions create transparency and improve ergonomics and efficiency. Intuitive use requires minimal training and provides greater safety.

- Entire image chain from source to destination in 4K UHD, 3D and FULL HD
- Images and videos can be captured, stored in a central location, accessed on the move, conveniently processed and shared with colleagues
- Centralized control of all connected medical equipment and room functions
- Diverse communication solutions for symposiums, consultation or teaching purposes
- Flexible installation via space-saving in-wall installation in the OR or at a central location in a technical room, accommodating several ORs



## OR1™ AIR

OR integration made easy

- OR1™ AIR is a modern and lightweight integration solution comprising the AIDA® and OR1™ .avm modules
- The system allows 4K UHD AV management inside the OR as well as documentation and audiovisual communication within the hospital environment with the most compact unit in its class
- Its minimal footprint enables you to benefit from new integration possibilities without the need to invest in traditional, hardware-intensive products



## OR1 NEO®

Maximum flexibility for the best possible integration solution

- Video management and documentation in up to 4K UHD resolution and 3D
- Documentation via AIDA® in up to 4K UHD resolution and 3D
- Medical device control through seamless integration of the KARL STORZ-SCB system and optional control of general room functions
- Integration of commercial video conferencing systems to meet the highest demands in transmission quality
- Control of all functions via the surgical monitors with touchscreen function, either directly from the sterile field or from the nurse workstation
- The modular system allows easy adjustment to individual needs



## OR1™ InWall Solution

### OR Integration – almost invisible

- Efficient workplace design meets:
  - Smart enclosure of OR Integration technology
  - Improved ergonomics
  - Infection prevention
- Simple and fast installation in the OR: Reduced installation time and quicker OR start-up in comparison to standard technical room installations
- Space-saving solution, accommodating the entire OR Integration technology in the OR and improved service capability
- Simplified disinfection and improved infection prevention via OR wall flush-mounted installation as well as touch panel and wall monitor integration behind glass

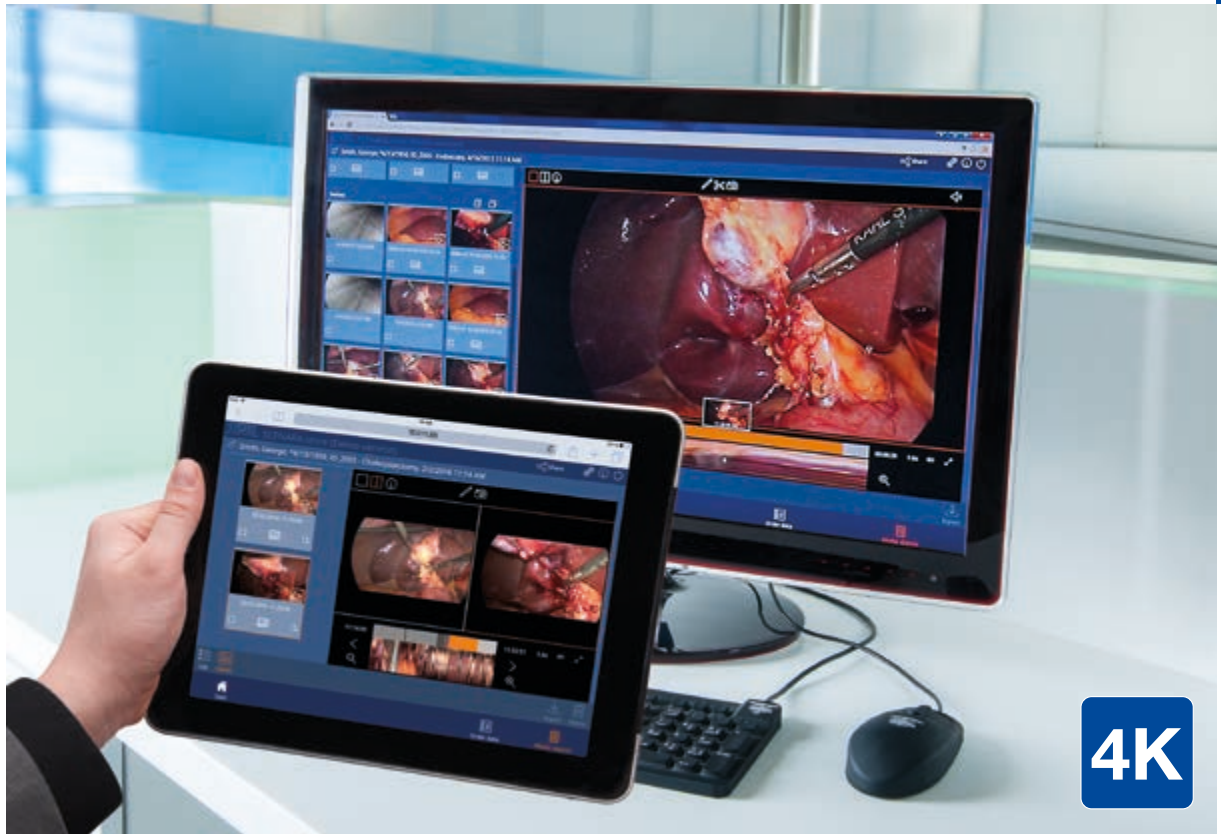


## KARL STORZ AIDA®

### Exceptional documentation

AIDA® offers the possibility to capture and store still images and video sequences in FULL HD, 4K and 3D quality. This standalone solution enables the comprehensive implementation of all documentation requirements arising in surgical procedures.

- AIDA® seamlessly fits into existing organizational structures – onto equipment carts, into integrated ORs and existing IT infrastructures (DICOM, HL7)
- AIDA® offers the possibility to record two image sources simultaneously
- AIDA® provides an integrated and freely configurable safety checklist
- AIDA® reduces turnover time due to the Intelligent Export Manager with automated data storage in the background
- AIDA® in combination with SCENARA® provides a complete solution for image and video management inside and outside the OR



## SCENARA®

### Innovative image and video data management

SCENARA® is a platform-independent and modular software solution for data storage and administration that also features a centralized communication interface.

- SCENARA® .STORE coordinates all endoscopic data, including patient and procedure data, from various systems at a central location and thus enables fast and mobile data access
- SCENARA® .CONNECT minimizes the complexity of the workflow via optimal interoperability between documentation solutions from KARL STORZ and other available information and archive systems from various manufacturers
- SCENARA® .STORE and SCENARA® .CONNECT are acquired with a service contract. This includes software maintenance, troubleshooting and software updates without additional costs



## SCB – Centralized Control of your Operating Room!

### Pioneers in the remote control of medical equipment

- Centralized control of medical equipment in both the sterile and non-sterile areas
- User-friendly OR environment thanks to ergonomic equipment
- Unique unit control with realistic user interface in combination with cockpit view in FULL HD
- Time-saving work and fast turnover times thanks to one-touch snapshot preset function
- Embedded high safety standards through observance of Medical Class IIb and the latest cyber security standards
- Space-saving due to small housing





## LEDVISION® 101 – OR Light with Gesture Control

### Touchless work for the highest hygiene demands

- Gesture control for maximum hygienic safety offered by the latest OR light: LEDVISION® 101
- Documentation of the surgical procedure under sterile conditions via a centrally integrated and cordless FULL HD camera through the wireless transmission of image and control signals in 1080p resolution
- Abundant light for large or small surgical fields, for critical cases and even deep body cavities
- True-color light for an accurate display of even the tiniest nerve and vessel structures
- Cool light that is gentle on the patient during longer procedures and provides the surgeon with a comfortable work environment
- Shadow-free lighting with sharp contours thanks to multiple LED light sources
- Integrated in the KARL STORZ OR1™ system – with convenient control, even from the sterile field



## LEDVISION® 65

### The light with the extraordinary touch

LEDVISION® 65 combines the light quality of KARL STORZ surgical lighting with the demands placed on modern examination lights.

- High illumination intensity for examinations and minor procedures
- Illumination intensity adjustable in three levels through gesture control
- Energy-efficient LED light with excellent color rendering and integrated dimmer
- Equipped with a sterilizable handle for outstanding hygienic safety
- Light on/off in case of repositioning
- Available as a ceiling-mounted, wall-mounted, or floorstand model to allow versatile use



## The Concept

### OFFICE1 Challenger ENT

The modular examination and procedure room concept for the ENT sector presents an optimal hygiene solution for doctors' offices, hospitals and clinics.

A clear organization of functional zones combined with an integrated visualization system and a user-friendly room design – thereby taking individual needs into consideration – results in an optimization of the entire examination process.

Furthermore, the design concept is strictly tailored to ergonomic requirements and improves the structure of medical examinations. A clear separation between clean and unclean areas provides optimal hygienic conditions. Additionally, state-of-the-art IT and video equipment facilitates high-quality examinations and diagnostic reliability.

The medical practitioner and the patient are both integrated in the examination process, resulting in a positive patient perception.

It is recommended to check the suitability of the product for the intended procedure prior to use.  
Please note that the described products in this medium may not be available yet in all countries due to different regulatory requirements.



# 75 Years

*Shaping the Future  
of Endoscopy with you*

**STORZ**  
KARL STORZ—ENDOSKOPE

THE DIAMOND STANDARD

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