Enabled by Standards
We ENABLE our customers to rest easy, knowing that we design solutions to meet global standards
Standards

In an operating room environment, it is imperative that every device interface with other hospital systems. As a manufacturer, we hold ourselves accountable for designing solutions that comply with A/V, IT and cybersecurity standards. By designing to global standards, we enable you to create integrated operating room environments.

A/V Standards
- 4K, 3D, HD Routing
- Audio/Video Recording
- Video on Demand

IT Standards
- Live Streaming
- Video Conferencing

EHR Standards
Smart archiving of clinical images and videos via standard DICOM & HL7

4K, 3D, HD Routing
Use video imaging devices from any company that conforms to SD/HD/3D/4K video standards. The KARL STORZ NEO integration platform is vendor neutral.

INPUTS
- 4K: HDMI, Display Port, 12G-SDI, 4x 3G-SDI
- 3D: Stereoscopic HDMI, Stereoscopic DVI
- HD: HDMI, Display Port, VGA, 3G-SDI, HD-SDI, DVI
- SD: Composite, S-Video, VGA, SDI

OUTPUTS
- 4K: HDMI 2.0, 4x 3G-SDI
- 3D: Stereoscopic HDMI 2.0
- HD: HDMI 2.0, 3G-SDI
Audio/Video Recording

Capture images and video locally in the OR, or store to your preferred location on the hospital network.

Video on Demand

View, edit, and share archived image and video content over the hospital enterprise network. Easily control user access to StreamConnect® via active directory.
**Live Streaming**

Perform live video streaming from the operating room over the hospital enterprise network. Use StreamConnect® H.264 Encoders.

**Video Conferencing**

Perform video conferencing over the hospital enterprise network with near zero latency. Use StreamConnect® H.264 Encoders/Decoders or any H.323 video codec.
Advanced EHR Integration

Filter surgical content sent to the EHR rather than filling your storage with unnecessary videos and images. Integrate clinical devices into your EHR environment for improved efficiency and accuracy.
Enterprise Solution

Operating Rooms
- OR1
- OR2
- OR3

Support Facilities
- Waiting Room
- Pathology
- Charge Desk
- Offices
- Conf. Rooms
- Auditorium
- Mobile Devices

Hospital Data Center
- StreamConnect®
- Virtual Server
- Active Directory
- EHR, Epic/Cerner
- PACS
- SAN, NAS Storage
- Video Conf. Bridge

Outpatient Practices
- Clinic/Office

Hospital
- Firewall

EMR Standards – Enterprise Solution

KARL STORZ OR1® NEO Integration
- AIDA™ Bella Image Capture
- TELE PACK X LED
- StreamConnect® Server
- ehrLNC Integration software

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