



HIGHLIGHTS

- 4K, HD, 3D Video Routing and Recording
- 32" 4K Surgical Displays
- Voice Control
- Live Streaming
- HD Touchscreen
- Dual Channel Video Recording
- Patient Worklist
- DICOM, EHR & StreamConnect archiving
- Turnover Measurement System

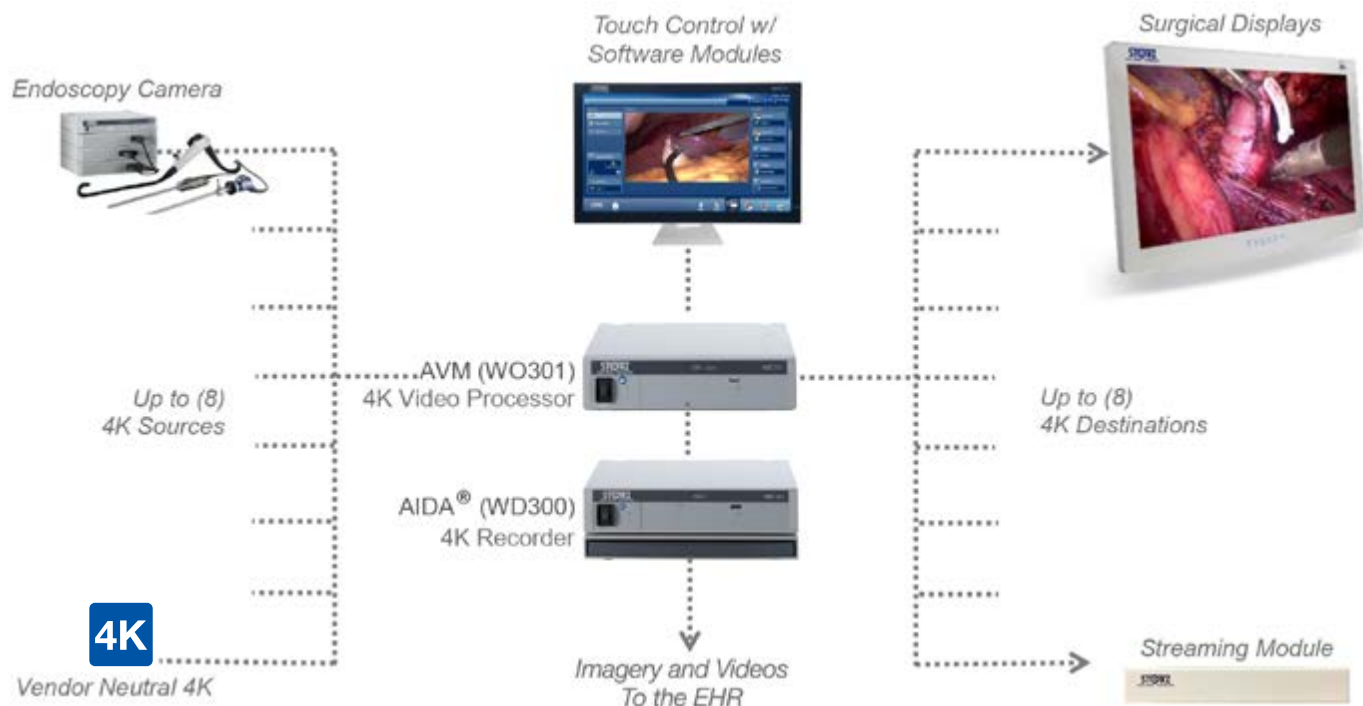
IS / IT HIGHLIGHTS

- Remote Support and Software Updates
- Cybersecurity - Incorporates NIST 800-53 Controls
- TLS Encryption / sFTP
- Data Encryption
- Whitelist Protection (SE46)
- Active Directory Support
- User Account Roles

IMPORTANT NOTE: Please refer to the KARL STORZ website for the most up-to-date and the latest product information. The decision to utilize the OR1[®] integration product is up to the sole discretion and choice of the involved surgeon and the medical facility.

OR1[®] AIR (WO301 + WD300) OR INTEGRATION SYSTEM (.AVM V1.3 / AIDA[®] V1.7)

SPECIFICATIONS SHEET



SYSTEM DESCRIPTION

The OR1[®] AIR Operating Room Integration System is a video routing, documentation and communication system comprised of two main units: the .AVM Video Processor (WO301) and the AIDA[®] Image Capture and Recorder (WD300), as well as a touchscreen and surgical displays. Optional kits for various video sources, destinations, audio, live streaming and EHR worklist/archiving are also available.

This specification sheet includes details at a system level for OR1[®] AIR. For specific details on either WO301 or WD300 please refer to their individual specification sheets.

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SYSTEM HARDWARE

FEATURE	DETAIL	ADDITIONAL NOTES
Control and Image Capture/Recording	AIDA [®] (WD300)	For Further Detail Refer to WD300 (VERSION 1.7) Specification Sheet
Video Processor	.AVM (WO301)	For Further Detail Refer to WO301 (VERSION 1.3) Specification Sheet
Touchscreen	SMARTSCREEN (WM200) External (WM100 or WM101)	12" 21.5" or 24"
Compatible Surgical Monitors	4K 32" (TM343) 4K 32" (TM340) 4K/3D 32" (TM350) 4K 27" (XUSM003)	29.0 lbs. 27.1 lbs. 27.1 lbs. 20.3 lbs.
Audio	Speakers for Music Playback Microphones for Live Streaming	
Physical	With SMARTSCREEN <ul style="list-style-type: none"> Dimensions: 305 x 205 x 378 mm 12 x 8.1 x 14.9 in (W x H x D) Weight: 18.6 kg / 41 lbs. Without SMARTSCREEN <ul style="list-style-type: none"> Dimensions: 305 x 159 x 355 mm 12 x 6.2 x 14.9 in (W x H x D) Weight: 12.0 kg / 26.6 lbs. 	
Operating Conditions	Temperature: 41 °F – 95 °F (5 °C – 35 °C) Humidity: 10 % ... 90 % non-condensing	

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SYSTEM SOFTWARE

FEATURE	DETAIL	ADDITIONAL NOTES
Video Processing	8 x 8 4K, HD, 3D, Video Routing HD Preview Image Picture-in-Picture Processing Side by Side Processing Auto-ID	Supported Resolutions / Frequencies <ul style="list-style-type: none"> • 2160p / 1080p / 720p • 25 / 29.97 / 30 / 50 / 59.94 / 60 Hz For Further Detail Refer to WO301 (VERSION 1.3) Specification Sheet
Video Recording and Archiving	4K, HD, 3D, Recording Dual Channel DICOM / EHR Archiving via StreamConnect	Supported Resolutions / Frequencies <ul style="list-style-type: none"> • 2160p / 1080p / 720p • 25 / 29.97 / 30 / 50 / 59.94 / 60 Hz For Further Detail Refer to WD300 (VERSION 1.7) Specification Sheet
Network / Other	Remote Desktop Support Auto Software Updates & Cybersecurity Patching from KARL STORZ cloud service platform Turnover Measurement System Voice Control Live Streaming via StreamConnect PTZ Room Camera Control Patient Worklist LDAP Authentication AES256 Encryption	

It is recommended to check the suitability of the product for the intended procedure prior to use.

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