

## IMAGE CAPTURE RECORDER (VERSION 1.7)

### HIGHLIGHTS

- Integrated TurnOver Efficiency Tools
- Controllable from NEO IP
- Optional Full HD External Touch Screen
- Built-in WiFi
- Video and Picture Editing Support
- Surgical Feedback

### IS / IT HIGHLIGHTS

- Networked Surgeon Profiles
- Cybersecurity / Designed to NIST 800-53 / Secure Exports (DICOM with TLS Encryption / sFTP)
- Data Encryption
- DICOM
- WhiteList Protection (SE46)
- Secure Filing Cabinet for Stored Patient Records
- Active Directory Support
- Remote Service Support

### HARDWARE



FEATURE	DETAIL	ADDITIONAL NOTES
Hard Drive Capacity	2 TB	
Operating System	Windows® 10 Enterprise 2016 LTSB	
Network	2x Intel® Gigabit Ethernet Dual Band Wireless-AC	
Connections	DisplayPort™ 1.2a In / Out HDMI 2.0 In / Out DVI-D Out 2x DisplayPort™ 1.2 Out 5x USB 3.0 4x USB 2.0 4x 3.5 mm Accessory Port Lemo® 8-Pole Foot Switch Port Audio Line In / Out	Supported Resolutions ■ 720p / 1080p / 3840x2160p Supported Frequencies ■ 25 / 29.97 / 30 / 50 / 59.94 / 60 Hz Supported Color Spaces ■ RGB: 18, 24, 30 bpp ■ YUV 4:2:2: 16, 20, 24 bpp Supported 3D Modes ■ Input: Line-by-Line / Top-Bottom Capture ■ Output: Top-Bottom
Power	Voltage: 100 VAC - 240 VAC Frequency: 50 Hz - 60 Hz Power Consumption: 5 - 2 A	
Physical	Dimensions (W x H x D): 12 x 3.1 x 14.9 in. (305 x 74.5 x 355 mm) Weight: 6.0 kg / 13.3 lbs. (SmartScreen® excluded) Operating Humidity: 10-90% non-condensing Operating Temperature: 41-95F (5-35C)	

**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.

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.

# WD300 AIDA®

## IMAGE CAPTURE RECORDER (VERSION 1.7)

FEATURE	DETAIL	ADDITIONAL NOTES
Capture	Recording Modes for 4K / HD / 3D <ul style="list-style-type: none"> <li>■ Single Channel Recording</li> <li>■ Dual Channel Recording</li> </ul>	Limit <ul style="list-style-type: none"> <li>■ Only (1) source may be captured in 4K resolution at a time</li> </ul>
Software	Networked Surgeon Profiles	
Control	Touch Control Keyboard Mouse Control Foot Pedal Control Camera Head Control Voice Command Control	
Network	Remote Service DICOM SCU w/ Worklist Support <ul style="list-style-type: none"> <li>■ MPPS and Open Commits Supported</li> </ul>	
Security	Integrates with Hospital Active Directory NIST 800-53 Low Base Line Rev. 4 Data Encryption	
Capture Media Info	Still Images: JPG, BMP Video <ul style="list-style-type: none"> <li>■ MPEG2: NTSC/PAL, 720p, 1080p</li> <li>■ MPEG4: NTSC/PAL, 720p, 1080p, 2160p</li> </ul> DICOM	Loop Through Latency ≤ 1ms MPEG-2: 60-SD, 177-HD, 334-FHD MB per min* MPEG-4: 31-SD, 80-HD, 158-FHD, 478-UHD MB per min*  * High Profile Values Shown



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# WD300 AIDA®

## IMAGE CAPTURE RECORDER (VERSION 1.7)

### SMARTSCREEN® HARDWARE

FEATURE	DETAIL	ADDITIONAL NOTES
TFT Panel	12.5" (317 mm) AMLCD	296 x 201 x 25 mm (W x H x D)
Backlight Type	LED	
Resolution	1920 x 1080p	
Colors	16.7 million	
Pixel Pitch	0.144 x 0.144	
Contrast Ratio	700 : 1	
Response Time	25 ms	
Luminance	300 cd/m	
Viewing Angle V / H	170° / 170° Typical	
Power	AC Power Input: 100 VAC - 240 VAC <ul style="list-style-type: none"> <li>■ Voltage: 12 VDC</li> <li>■ Power Consumption: 6W Typical and 8W Max</li> </ul>	
Physical	Dimensions: 305 x 46.4 x 377.85 mm (W x H x D) Weight: 6.6 kg / 14.4 lbs. (AIDA® excluded)	
Connections	DisplayPort™ Input / User Interface Output USB 2.0 Type B / Touch Control Interface 8-Pin Power Socket / DC Power Input POAG / Grounding Post	
Touch Type	PCAP Max 10 Finger Inputs	

*Windows is a registered trademark of Microsoft Corporation.  
Intel is a registered trademark of Intel Corporation.  
DisplayPort is a trademark of VESA.  
Lemo is a registered trademark of LEMO.*

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