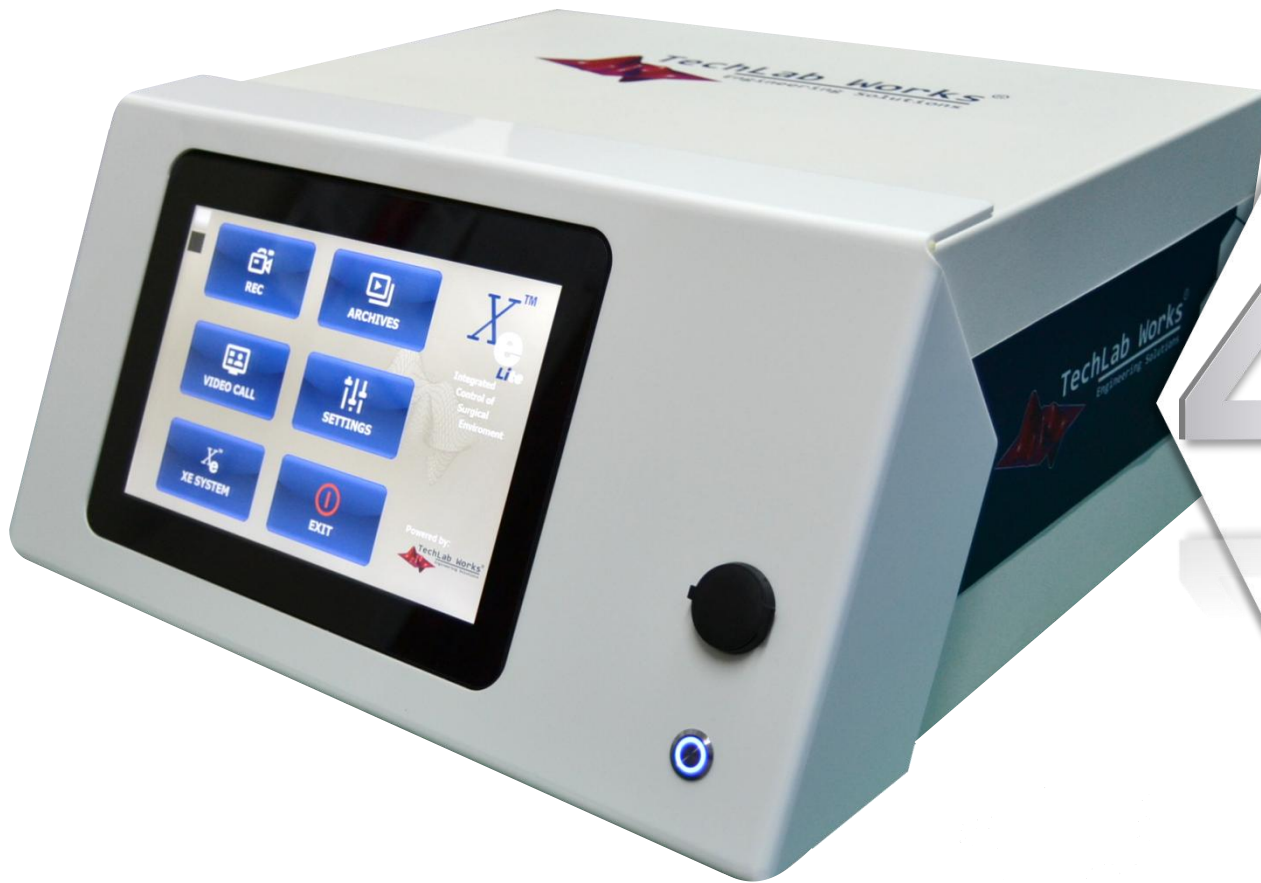


# EndoStation



**4K**

The 4K medical workstation  
with integrated display  
for recording and streaming  
audio video signals



Integrated touch display  
with preview of video  
channels



**LIVE**  
STREAMING

Video conference and live  
with resolution up to 4K



Up to 12 TB of recording space  
for audio and video up to 4K  
resolution



| Model   | EndoStation Slim 4K  | EndoStation Slim 4K dual streaming   |
|---|--|--|
| Model n.  | TLW_MS_EVHW_60034K   | TLW_MS_EVHW_70034K   |
| Processor   | Intel® Core™ Family  |  |
| Memory  | DDR4 16 GB (optional up to 128 GB)   |  |
| HDD   | 1 TB SATA III (optional up to 12 TB) / SSD 256 GB  |  |
| Connections   | 1 x Ethernet 10/100/1000, Wireless 802.11b/g/n (optional)  |  |
| I/O Ports   | 1 x USB 3.0 (front) / 6 x USB (3.0 / 2.0) / 1 x Headphone (HD & AC97) / 1 x Microphone (HD & AC97)   |  |
| Video In  | 1x HDMI 2.0 (Single-Link HDMI 2.0)<br>o 1 x SDI (Single-Link 12G-SDI, Dual-Link 6G-SDI, Quad-Link 2SI 3G-SDI, Quad-Link QSD 3G-SDI   | 2 x HDMI (Single-Link HDMI 2.0, Dual-Link HDMI 2.0) o 2 x SDI (Single-Link 12G-SDI, Dual-Link 6G-SDI, Quad-Link 2SI 3G-SDI, Quad-Link QSD 3G-SDI |
| Video Out   | 1 x HDMI 2.0, 1 x DVI, 4 x DP  |  |
| Video out resolution  | Up to 4096x2160@60fps  |  |
| Recording channels  | 1  | 2  |
| Streaming channels  | 1  | 2  |
| Available resolutions to acquisition (streaming and recording channels) | 4096x2160@60/50/30/25/24fps, 3840x2160@60/50/30/25/24fps, 2560x1440p@144fps, 1920x1080p@240/144/120/100fps, 1920x1080p@60/50fps, 1920x1080p@30/25/24fps, 1920x1080i@60/50fps, 1280x720p@60/50fps, 1280x1024p@60fps, 1280x960p@60fps, 1024x768p@60fps, 800x600p@60fps, 640x480p@60fps, 720x480p@60fps, 720x576p@50fps<br>Single Channel Mode :<br>Single Link/Dual Link/Quad Link<br>12G-SDI : 4096x2160@60/50fps, 3840x2160@60/50fps<br>6G-SDI : 4096x2160@30/25/24fps, 3840x2160@30/25/24fps<br>3G-SDI : 1920x1080p@60/50fps<br>HD-SDI : 1920x1080p@30/25/24fps , 1920x1080i@60/50fps, 1280x720p@60/50fps<br>SD-SDI : 720x480i@60fps, 720x576i@50fps<br>Multi Channel Mode :<br>Single Link<br>2x6G-SDI : 4096x2160@30/25/24fps, 3840x2160@30/25/24fps<br>4x3G-SDI : 1920x1080p@60/50fps<br>4xHD-SDI : 1920x1080p@30/25/24fps, 1920x1080i@60/50fps, 1280x720p@60/50fps<br>4xSD-SDI : 720x480i@60fps, 720x576i@50fps |  |
| Recording Format  | H.265, H.264   |  |
| Image Format  | Raw, Jpg lossless  |  |
| DICOM Compliant   | Yes  |  |
| HL7 Compliant   | Yes  |  |
| Audio Format  | Stereo / 16 – bit /32000 ÷ 48000 Hz  |  |
| Display Format  | 10.1", Active matrix TFT LED LCD   |  |
| Touch Technology  | PCAP (TouchPro® Projected Capacitive) - 10 Touch   |  |
| Remote Controls (optionals)   | Pedal board, Voice command, Remote Contact (Stereo Mini jack)  |  |
| Power supply  | AC 100 - 240 V~ (+/- 10 %), 50/60 Hz, Max: 450 W   |  |
| Dimensions  | 442 x 426 x 228 mm (width x depth x height)  |  |
| Weight  | 9,8 Kg   |  |
| Certifications and Safety   | UL60601-1, EN60601-1, CCC, CE(EN60601-1-2), FCC Parts 18   |  |
| Operating conditions  | Operating T : from 0°C to 40°C<br>Storage T : -20°C to 60°C<br>Operating Rh : 20% to 80%<br>Storage Rh : 10% to 95%  |  |



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NB: Specifications, designs and accessories are subject to change without notice and obligation on the part of the manufacturer.



| Model   | EndoStation Slim FullHD  | EndoStation Slim FullHD dual channel   | EndoStation Slim FullHD four channel                                   |
|---|--|--|--|
| Model n.  | TLW_MS_EVHW_0003HD   | TLW_MS_EVHW_1003HD   | TLW_MS_EVHW_4003HD   |
| Processor   | Intel® Core™   |  |  |
| Memory  | DDR4 16 GB (until 128 GB optional)   |  |  |
| HDD   | 1 TB SATA III (until 12 TB optional) / SSD 256 GB  |  |  |
| Connections   | 1 x Ethernet 10/100/1000, Wireless 802.11b/g/n (optional)  |  |  |
| I/O Ports   | 1 x USB 3.0 (frontal) / 6 x USB (3.0 / 2.0) / 1 x Headphone (HD & AC97) / 1 x Microphone (HD & AC97)   |  |  |
| Video In  | 1x HDMI 2.0 (Single-Link HDMI 2.0) or alternatively 1 x SDI (3G-SDI, loop-through) or alternatively 1xHDMI, 1xDVI-I, 1xYPbPr, 1xSDI, 1xCVBS, 1xS-Video or alternatively 1xHDMI, 1xVGA, 1xCVBS, 1xS-Video , 1xYPbPr | 2 x HDMI (Single-Link HDMI 2.0, Dual-Link HDMI 2.0) o 2 x SDI (3G-SDI, Loop-Through) | 4 x HDMI (Single-Link HDMI 2.0, Dual-Link HDMI 2.0) o 4 x SDI (3G-SDI) |
| Video Out   | 1 x HDMI 2.0, 1 x DVI, 4 x DP  |  |  |
| Video out resolution  | Fino a 4096x2160@60fps   |  |  |
| Recording channel   | 1  | 2  | 4  |
| Streaming channel   | 1  | 2  | 4  |
| Available resolutions to acquisition (streaming and recording channels) | 3G-SDI: 1920x1080p@60/50fps; HD-SDI:1920x1080p@30/25/24fps, 1920x1080i@60/50fps, 1280x720p@60/50fps; SD-SDI: 720x480i@60fps, 720x576i@50fps  |  |  |
| Recording Format  | H.265, H.264. Recording Mode Hardware Compression, Real-Time   |  |  |
| Image Format  | Raw, Jpg lossless  |  |  |
| DICOM Compliant   | Yes  |  |  |
| HL7 Compliant   | Yes  |  |  |
| Audio Format  | Stereo / 16 – bit / 32000 ÷ 48000 Hz (audio recording, audio streaming)  |  |  |
| Display Format  | 10.1", Active matrix TFT LED LCD   |  |  |
| Touch Technology  | PCAP (TouchPro® Projected Capacitive) - 10 Touch   |  |  |
| Remote Controls (optionals)   | Pedal board, Voice command, Remote Contact (Stereo Mini jack)  |  |  |
| Power supply  | AC 100 - 240 V~ (+/- 10 %), 50/60 Hz, Max: 450 W   |  |  |
| Dimensions  | 442 x 426 x 228 mm (width x depth x height)  |  |  |
| Weight  | 9,8 Kg   |  |  |
| Certifications and Safety   | UL60601-1, EN60601-1, CCC, CE(EN60601-1-2), FCC Parts 18   |  |  |
| Operating conditions  | Operating T : from 0°C to 40°C<br>Storage T : -20°C to 60°C<br>Operating Rh : 20% to 80%<br>Storage Rh : 10% to 95%  |  |  |



UNI EN ISO 9001:2015

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NB: Specifiche, design e accessori sono soggetti a cambiamento senza alcun preavviso e obbligo da parte del fabbricante