

ENDOVUE
PLUS

ENDOVUE® PLUS 4K 55"

- *Cost-effective, Medical-Grade, Large Format Display*
- *Large Format 4K Provides an Immersive Viewing Experience*
- *Connectivity that Supports Any 4K Endoscopy Camera System*
- *Factory Color Calibration, BT.2020 Colorimetry Support*
- *Anti-Reflective Screen Protection Minimizes Glare*
- *Robust and Reliable with a Minimal Cost of Ownership*
- *High Brightness LED Backlight*

COST-EFFECTIVE 4K VISUALIZATION

The new large format EndoVue Plus 4K 55" delivers an unprecedented level of detail, sharpness, and clarity with four times the resolution of HD. Compatible with all 4K surgical cameras, it supports 12G-SDI, Quad-Link SDI, DisplayPort, HDMI 2.0, and DVI inputs. Factory calibration provides consistent color performance, and supports BT.2020 colorimetry. Future-proof your investment in 4K technology without exceeding your budgetary constraints.

Its high luminance LED backlight produces 500 nits of brightness, enhancing the visibility of anatomy during procedures. Its native 16:9 UHD aspect ratio is in alignment with the format of today's 4K camera systems, eliminating letter-boxing.

Its large format provides an increased viewing range, delivering a high level of detail when viewed from both close and far distances. This delivers both immersive close proximity viewing and enhanced visibility to the entire surgical team when wall mounted.

Glare is minimized by the anti-reflective coating of the optical filter, which also protects the screen. Its IPX6 liquid ingress rating makes the design infection control friendly.

Not yet commercially available

TECHNICAL SPECIFICATIONS

IMAGE PERFORMANCE

Screen Size (Diagonal)	55.0 inches (1397 mm)
Native Resolution (H x V)	3840 x 2160 (4K/UHD)
Aspect Ratio	16:9, UHD
Luminance	500 cd/m ² (Typical)
Contrast Ratio	1100:1 (Typical)
Color Calibration	BT.709, BT.2020 Emulation
Number of Colors	1.07 Billion
White Point	6500K Color Temperature
Response Time	14 ms (Typical)
Display Latency	Less than 25 ms (Typical)

GENERAL

Input Power	100 to 240 VAC \pm 10%, 50/60 Hz
Dimensions (W x H x D)	TBD, W x H x D in/W x H x D mm
Protective Front Panel	AR Coated, Acrylic Optical Filter
Warranty	1 Year
Mounting	500 x 100 mm VESA
Display Weight	TBD
Shipping Weight	TBD
Shipping Dimensions	TBD
Green Compliance	REACH, RoHS-2, WEEE, Conflict Minerals

ACCESSORIES

Included Accessories	Region appropriate AC power cord, Download Information for User Manuals
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CONNECTIVITY

SIGNAL TYPE

CONNECTOR

4K/UHD Inputs*	12G-SDI/Quad-Link SDI (Optional)	BNC x 1/BNC x 4
	HDMI-1 (2.0)**	HDMI Type-A
	HDMI-2 (2.0)**	HDMI Type-A
	DisplayPort-1	DisplayPort
	DisplayPort-2	DisplayPort
4K/UHD Outputs	12G-SDI/Quad-Link SDI (Optional)	BNC x 1/BNC x 4
	12G-SDI-2	BNC x 1
HD Inputs	3G-SDI x 4 (Optional)	BNC x 1
HD Outputs	3G-SDI x 4 (Optional)	BNC x 1
Control Input	RS-232 Serial Control	USB Type-B
Power Outputs	5 Volts DC Output 2 Amps	TBD
	12 Volts DC Output 2 Amps	TBD

REGULATORY COMPLIANCE

ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, CAN ICES-3(B)/NMB-3(B), FCC Class B, EN60601-1, EN60601-1-2, CE, MDD 93/42/EEC, EAC, CCC, Class I Medical Device, IPX6 front

ORDERING INFORMATION

90K0091	EndoVue Plus 4K 55"
90K0092	EndoVue Plus 4K 55", 12G-SDI, Quad-Link SDI


CONTACT INFORMATION

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* 4K/UHD capable inputs also support HD resolutions

** HDMI inputs support DVI-D signals up to 1080p via a DVI to HDMI adapter cable (not included)