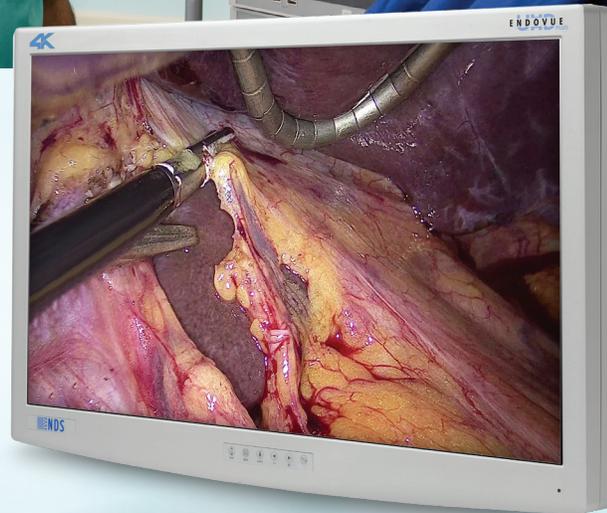


NDS
A Novanta Company



ENDOVUE® PLUS 4K 32"

- *State-of-the-Art 32" 4K medical grade display*
- *Supports surgical cameras and video signals*
- *Low latency for best possible visualization*
- *Wide color gamut and excellent brightness*
- *BT.2020 colorimetry*
- *PIP (Picture in Picture) functionality*
- *Anti-Reflective screen protection*



ENDOVUE
PLUS

COST-EFFECTIVE 4K VISUALIZATION

The new EndoVue 4K 32" display delivers an unprecedented level of detail, sharpness and clarity for a fraction of the price of competitive models. This incredible performance is achieved by designing and building with the latest in video chips, LCD panels and by incorporating connectivity options and housing features that are specifically beneficial for operating rooms.

The high-luminance LED backlight produces 450 nits of brightness to clearly enhance the anatomy during procedures. Compatibility with all of today's 4K surgical cameras and imaging devices is assured with a choice of inputs from Quad-Link SDI, 3G-SDI, DisplayPort and HDMI 2.0 and color matching in BT.709 or BT.2020.

With a screen size of 32" this display is the perfect size for use in the operating room. Whether mounted on a cart, used as a mobile secondary display or as a main surgeon display mounted on a ceiling arm.

Glare reducing anti-reflective protective front panel and IPX2 ratings for protection from dust and liquid ingress assisting effective infection control measures.

From an integration point of view, the EndoVue 4K 32" includes RS232 control for monitor settings and switching which includes PIP feature that has 8 different settings. There is also a 5V DC 1A output to power local accessories or devices.

TECHNICAL SPECIFICATIONS

IMAGE PERFORMANCE

Screen Size (Diagonal)	31.5 inches (800 mm)
Native Resolution (H x V)	3840 x 2160 (4K/UHD)
Aspect Ratio	16:9, UHD
Luminance	450 cd/m ² (Typical)
Contrast Ratio	1300:1 (Typical)
Color Calibration	BT.709, BT.2020 Emulation
Number of Colors	1.07 Billion
White Point	6500K Color Temperature
Response Time	14 ms (Typical)

GENERAL

Input Power	24 Volts DC
Dimensions (W x H x D)	29.7 x 19.1 x 3.9 in/753 x 485 x 98 mm
Protective Front Panel	AR Coated, Acrylic Optical Filter
Cable Management	Built-In I/O Cable Cover
Warranty	3 Year
Mounting	200 x 100 mm VESA, 100 x 100 mm VESA
Display Weight	25 lbs (11.4 kg)
Shipping Weight	31 lbs (14.0 kg)
Shipping Dimensions	35 x 9 x 27 in/89 x 23 x 69 cm
Green Compliance	REACH, RoHS-3, WEEE, Conflict Minerals

ACCESSORIES

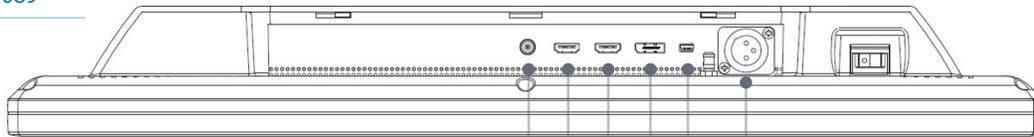
Included Accessories	24 VDC Power Supply, region appropriate AC power cord, Download Information for User Manuals
Optional Accessories	DC Power Extension Cables: 10 ft (90Z0287), 50 ft (90Z0288)

* 4K/UHD capable inputs also support HD resolutions

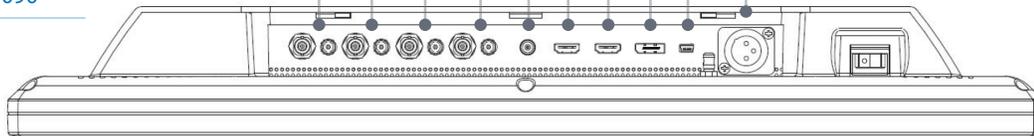
** HDMI inputs support DVI-D signals up to 1080p via a DVI to HDMI adapter cable (not included)

CONNECTOR PANEL

90K0089



90K0090



CONNECTIVITY	SIGNAL TYPE	CONNECTOR
4K/UHD Inputs*	Quad-Link SDI (4 x 3G-SDI) - <i>Optional</i>	BNC x 4
	HDMI 2.0**	HDMI Type-A
	DisplayPort 1.2	DisplayPort
4K/UHD Outputs	Quad-Link SDI (4 x 3G-SDI) - <i>Optional</i>	Micro BNC x 4
	HDMI 2.0**	HDMI Type-A
HD Inputs	3G-SDI x 4 - <i>Optional</i>	BNC x 1
HD Outputs	3G-SDI x 4 - <i>Optional</i>	Micro BNC x 1
Control Inputs	RS-232 Serial Control	Mini-USB
DC Output	5 VDC (1.0 Amps)	CUI PJ-019

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, MDR 2017/745, EAC, CCC, Class I Medical Device, IPX2 front

ORDERING INFORMATION

90K0089	EndoVue Plus 4K 32"
90K0090	EndoVue Plus 4K 32", Quad-Link SDI

CONTACT INFORMATION

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