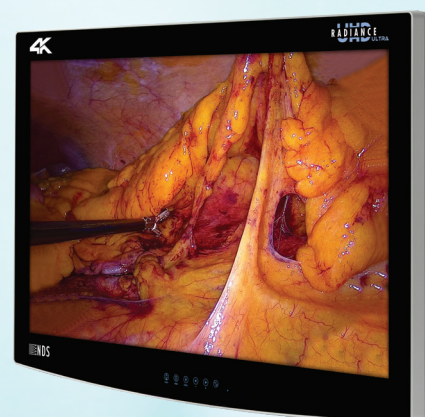


## **RADIANCE® ULTRA 4K 32"**

- *4K Surgical Visualization System with State-of-the-Art Image Performance*
- *Industry-Leading Brightness and Dynamic Color Representation*
- *Ultra-Low Latency to Optimize Camera Performance*
- *Color Accuracy that Exceeds Broadcast Quality Standards*
- *BT.2020 Colorimetry Emulation Ensures Accurate Camera Color*
- *Easy-to-Clean, Scratch Resistant, Warranty-Backed Front Glass*



**RADIANCE®**  
ULTRA

### **THE GOLD STANDARD IN 4K VISUALIZATION**

The new Radiance Ultra 4K 32" is at the forefront of surgical visualization technology, delivering an unprecedented level of detail, sharpness, and clarity. Featuring the brightest luminance output of any 4K medical display available using the 16:9 UHD format, potentially enhancing the visibility of recessed anatomy, engendering clinical confidence.

An ultra-wide color gamut and BT.2020 factory calibration provides a color spectrum more closely aligned with human vision. Proprietary Medi-Match™ calibration achieves a level of color accuracy that exceeds stringent broadcast quality standards. This color differentiation enables meticulous identification

of otherwise subtle anatomical structures. Natural motion is perfectly preserved as a result of imperceptible ultra-low latency, providing immediate real-time visual feedback.

As part of the customizable Radiance Ultra family, it features exceptional image quality, and a modern industrial design that incorporates edge-to-edge scratch-resistant glass. Flexible input/output configurations and proprietary factory calibration, setting the standard in 4K surgical visualization.

***Currently Available in Custom OEM Configurations***

## TECHNICAL SPECIFICATIONS

### IMAGE PERFORMANCE

Screen Size (Diagonal)	32.0 inches (813 mm)
Native Resolution (H x V)	3840 x 2160 (4K/UHD)
Aspect Ratio	16:9, UHD
Luminance	700 cd/m <sup>2</sup> (Typical)
Contrast Ratio	1350:1 (Typical)
Medi-Match™ Calibration	BT.709, BT.2020 Emulation
Number of Colors	1.07 Billion (10-bit)
Color Gamut	149% of BT.709, 79% of BT.2020
Response Time	8 ms (Typical)
Display Latency	Less than 5 ms (Typical)

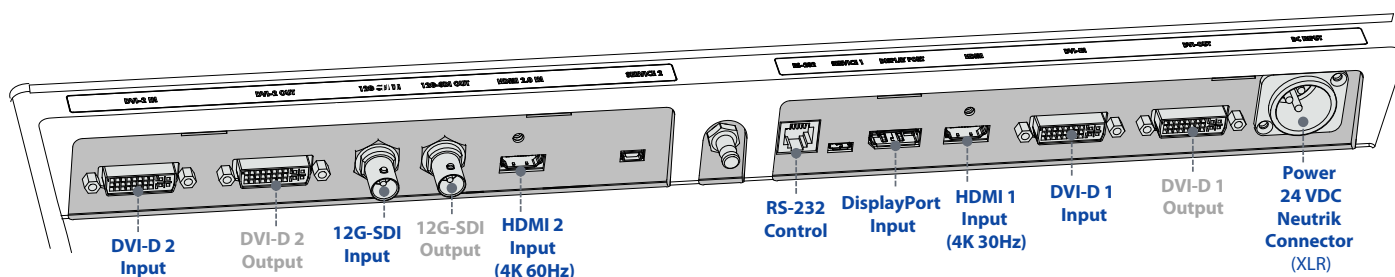
### GENERAL

Input Power	24 Volts DC
Dimensions (W x H x D)	30.7" x 20" x 3.4"/780 mm x 509 mm x 87 mm
Protective Front Panel	AR Coated, Chemically Strengthened Glass
Scratch Resistant Guarantee	Yes
Warranty	3 Years
Mounting	200 x 100 mm VESA
Display Weight	32.0 lbs (14.5 kg)
Shipping Weight	45 lbs (20.5 kg)
Shipping Dimensions	36" x 9" x 29"/92 x 23 x 74 cm

### 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) RS-232 Adapter Cable - DB-9 to RJ11 (90Z0245) DVI Out to 5 Volt DC Cable (90Z0274)

### INPUT/OUTPUT CONNECTOR PANEL



CONNECTIVITY	SIGNAL TYPE	CONNECTOR
4K/UHD Inputs*	12G-SDI	BNC x 1
	DisplayPort 1.2	DisplayPort
	HDMI 2.0	HDMI Type-A
	HDMI 1.4b	HDMI Type-A
4K/UHD Outputs	12G-SDI	BNC x 1
HD Inputs	2 x DVI-D	DVI-D
HD Outputs	2 x DVI-D	DVI-D
Control Input	RS-232 Serial Control	RJ-11

### REGULATORY COMPLIANCE

ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, , FCC Class B, EN60601-1, EN60601-1-2, CE, MDD 93/42/EEC, Class I Medical Device, CCC, designed to meet IPX6

### ORDERING INFORMATION

90R0125	Radiance Ultra 4K 32", 12G-SDI
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### CONTACT INFORMATION

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\* 4K/UHD capable inputs also support HD resolutions

NDS Quality System  
ISO 13485 FDA Registration #2954921  
Document 7250003 Rev A