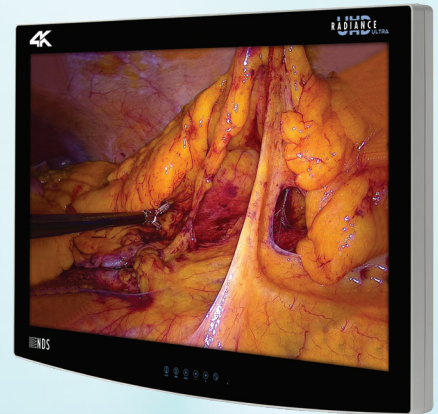


RADIANCE® ULTRA 4K 32"

- *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®
UHD 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 humanly imperceptible ultra-low latency, providing immediate real-time visual feedback free of any lag or delay. Its modern industrial design incorporates edge-to-edge scratch-resistant glass.

The product is available in both a standard model, and an enhanced version with even better optical performance and further expanded color gamut.

Currently Available in Custom OEM Configurations

TECHNICAL SPECIFICATIONS

IMAGE PERFORMANCE

	90R0123 (Standard)	90R0125 (Enhanced)
Diagonal Size	31.5 inches (800 mm)	32.0 inches (813 mm)
LCD Panel Type	MVA	IPS
Native Resolution	3840 x 2160 (4K/UHD)	3840 x 2160 (4K/UHD)
Aspect Ratio	16:9, UHD	16:9, UHD
Luminance	650 cd/m ² (Typical)	700 cd/m ² (Typical)
Contrast Ratio	1700:1 (Typical)	1350:1 (Typical)
Medi-Match™	BT.709, BT.2020 Emulation	BT.709, BT.2020 Emulation
Number of Colors	1.07 Billion (10-bit)	1.07 Billion (10-bit)
Color Gamut	140% (BT.709), 74% (BT.2020)	149% (BT.709), 79% (BT.2020)
Response Time	9.5 ms (Typical)	8 ms (Typical)
Display Latency	Less than 5 ms (Typical)	Less than 5 ms (Typical)

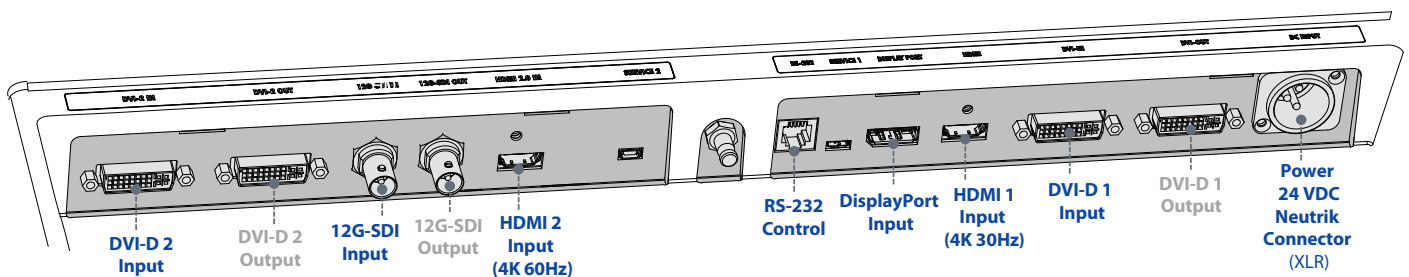
GENERAL

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



* 4K/UHD capable inputs also support HD resolutions

CONNECTIVITY

CONNECTIVITY	SIGNAL TYPE	CONNECTOR
4K/UHD Inputs*	12G-SDI	BNC x 1
	DisplayPort 1.2	DisplayPort
	HDMI 2.0	HDMI Type-A
4K/UHD Outputs	HDMI 1.4b	HDMI Type-A
	12G-SDI	BNC x 1
	2 x DVI-D	DVI-D
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

90R0123	Radiance Ultra 4K 32", 12G-SDI, Standard
90R0125	Radiance Ultra 4K 32", 12G-SDI, Enhanced

CONTACT INFORMATION

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