

RADIANCE® ULTRA 4K 3D 32"

1-METER AND 2-METER VIEWING DISTANCE

- *Optimized viewing distance for different specialties*
- *Unprecedented color consistency and brightness*
- *Superb brightness with 700 nits*
- *Wide color gamut, approaching human vision*
- *3D crosstalk as low as 1.4%*
- *Ultra low latency of only 5 ms*



RADIANCE®
ULTRA

4K 3D

4K STEREOSCOPIC 3D TECHNOLOGY

The new Radiance Ultra 4K/UHD 3D display is at the forefront of 4K stereoscopic 3D technology, delivering an unprecedented level of detail, sharpness, and clarity. Low latency of only 5 ms and compatible with 3D cameras, supporting 12G-SDI, HDMI 2.0, and DisplayPort in line-by-line, and other 3D formats. Emitting the brightest luminance output of 3D display available, at 700 cd/m², increasing the visibility into darkened recessed anatomy during procedures.

Doubling the resolution per eye, enables a level of 3D depth and detail unattainable by previous HD-3D displays. With an ultra-wide color gamut of 149% of BT.709, it delivers a color spectrum more closely aligned with human vision. Factory color calibrated to

the EBU Grade 2 specification, and supporting BT.2020 colorimetry instills clinical confidence by ensuring consistent color reproduction on every cart in every room.

Using the optimal 16:9 aspect ratio, eliminates letterboxing and results in a larger image. Capable of providing Ultra HD imaging in independently calibrated 3D & 2D color modes. As with all of the Radiance Ultra family, the display is completely customizable to meet your specification needs. It is compatible with our wireless technology and future ready for our next generation wireless products.

TECHNICAL SPECIFICATIONS

IMAGE PERFORMANCE

Diagonal Size	32.0 inches (813 mm)
Native Resolution (H x V)	3840 x 2160 (4K/UHD)
Aspect Ratio	16:9, UHD
Luminance	700 cd/m ² (Typical)
Contrast Ratio	1350:1 (Typical)
Number of Colors	1.07 Billion (10-bit)
Color Calibration	Medi-Match™ (EBU Grade 2), 2D & 3D Modes
Color Gamut	149% of BT.709, 79% of BT.2020
Display Latency	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	100 x 100 mm VESA, 200 x 100 mm VESA
Display Weight	27.5 lbs (12.5 kg)
Shipping Weight*	40 lbs (18.2 kg)
Shipping Dimensions	36" x 9" x 29"/92 x 23 x 74 cm

3D SPECIFICATIONS

3D Formats Supported	Line-by-Line, Top/Bottom
Optimal Viewing Distance	2.5 feet (0.75 meter) (90R0124) 6.1 feet (1.8 meter) (90R0129)
3D Crosstalk	1.4% at center (0°)

ACCESSORIES

Included Accessories	24 VDC Power Supply, region appropriate AC power cord, Download Information for User Manuals
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CONNECTIVITY

4K/UHD Inputs	12G-SDI
	DisplayPort 1.2
	HDMI 1.4b (HDMI-1)
	HDMI 2.0
4K/UHD Outputs	12G-SDI
HD Inputs	DVI-D x 2
HD Outputs	DVI-D x 2
4K 3D Wireless Video	Future ZeroWire 4K 3D Capability

REGULATORY COMPLIANCE

ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1,, FCC Class B, EN60601-1, EN60601-1-2, CE, MDR 2017/745, Class I Medical Device

ORDERING INFORMATION

90R0124	Radiance Ultra 32"4K/UHD 3D, 1-Meter
90R0129**	Radiance Ultra 32"4K/UHD 3D, 2-Meter


CONTACT INFORMATION

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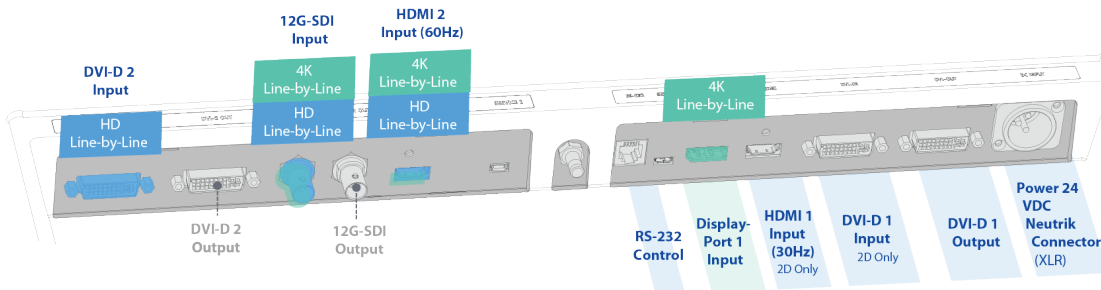
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* Shipping weights are approximate

** Available soon

NDS Quality System
ISO 13485 FDA Registration #2954921
Document 7250002 Rev B