

RADIANCE® ULTRA 4K UHD 32"

Premium Endoscopy Visualization

The Radiance® Ultra series leads the industry as a revolutionary display with the aim to transform advanced visualization technology capabilities and features into a clinical solution that supports the drive to improve patient outcomes, improve workflow efficiency, and lower operating costs.

Featuring four times the resolution of HD, ultra-wide-gamut color technology, and a high-brightness LED backlight, the Radiance® Ultra 4K/UHD 32" offers an unprecedented level of detail, sharpness, and clarity. The quad-link SDI input supports both 2-sample interleave and square division 4K formats to ensure compatibility with 4K/UHD endoscopic camera systems.

Endoscopic visualization is enhanced with an LED backlight that produces vivid colors and a level of brightness that can increase the visibility of recessed anatomy during procedures. Medi-Match™ color calibration assures consistent image quality and accurate color reproduction. The result is outstanding endoscopic video image performance. To eliminate display scratches caused by IV poles or surgical light heads, the Radiance Ultra series uses scratch-resistant, splash-proof edge-to-edge glass that includes an industry-exclusive 10-year scratch-resistance guarantee.

PRODUCT FEATURES

- Optimized for 4K endoscopy applications
- Auto-Select 1080p backup
- Medi-Match™ color calibrated
- Cleanable splash-proof design
- 10-year scratch-resistant-glass guarantee
- Exceptional brightness and response time

Healthcare minimally invasive surgery





RADIANCE® ULTRA 4K UHD 32” SPECIFICATIONS

DESCRIPTION	PRODUCT CODE
Radiance Ultra 4K/UHD 32”	90R0116
TECHNICAL DATA	
Screen Size	31.5” diagonal
Image Size	27.5” x 15.5”/698mm x 393mm (WxH)
Native Resolution	3840 x 2160 pixels
Aspect Ratio	16:9
View Angle	178°
Luminance	650 cd/m2 (typical)
Contrast Ratio	1,700:1 (typical)
Numbers of Colors	1.06 Billion (10-bit)
Backlight Stabilization	NDS Intelli-Guard™
Color Calibration	NDS Medi-Match™
Color Gamut	140% of BT.709
Response Time	9.5ms (typical)
Latency	16ms
Video Board Configurations	4K/UHD Inputs – Quad-Link SDI (4 x 3G-SDI), DisplayPort 1.2, HDMI 1.4b 4K/UHD Output – Quad-Link SDI (4 x 3G-SDI) Full-HD Inputs – DVI-D, 3G-SDI Full-HD Output – DVI-D
Quad-Link SDI Format Support	2-Sample Interleave, Square Division
Embedded Wireless Receiver	Future Option
Sealed Glass	Bezel Protected, Edge-to-Edge, Chemically Strengthened
Glass Anti-Scratch Warranty	10-Year Scratch-Resistant Guarantee
Dimensions	30.7” x 20” x 3.4”/780mm x 509mm x 87 mm (WxHxD)
Weight	25.5 lbs/11.4 kg
Shipping Weight*	40 lbs/18.2 kg
Shipping Dimensions	36” x 9” x 29”/92 x 23 x 74 cm
Green Compliance	REACH, RoHS-2, WEEE, Conflict Minerals
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, designed to meet IPX6
Supplied Accessories	Power Supply, 100-240 VAC, 50-60 Hz to 24 VDC, 6.25 A AC power cord, region appropriate User Manual – Printed (English Only) & multi-language CD-ROM

ADDITIONAL ACCESSORIES

Fiber Converter 5 VDC Power Cable	90Z0221
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*Shipping weights are approximate.