

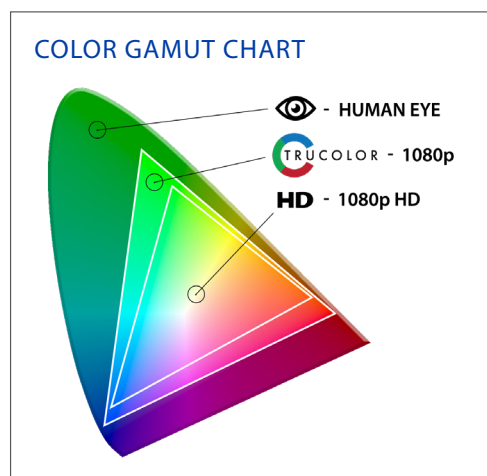
NEW

# RADIANCE® ULTRA TRUCOLOR 32"

Premium Endoscopy Visualization



- Optimized for 1080p endoscopy
- Ultra-wide gamut color calibrated
- Advanced imaging capabilities
- Cleanable splash-proof design
- 10-year scratch-resistant-glass guarantee
- ZeroWire® embedded receiver optional



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.

State-of-the-art TruColor technology maximizes a 1080p camera image to provide an endoscopic visualization experience that more accurately resembles anatomy the human eye would visualize during an open surgical procedure. Exclusively engineered over several years by NDS, TruColor technology enhances 1080p video to provide an expanded spectrum of exceptionally vivid colors that is more accurately aligned with the capabilities of human vision. TruColor with Medi-Match™ color calibration assures consistent image quality and accurate color reproduction. The result is a 1080p display with the next-generation color performance to rival that of a 4K display.

With a focus to improve workflow efficiency and workplace safety, the Radiance Ultra series is available with an optional built-in ZeroWire receiver. When paired with the ZeroWire *Mobile* battery-powered stand, the combination becomes the world's first and only truly cordless and wireless mobile endoscopic solution (patent pending). 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.

# RADIANCE® ULTRA TRUCOLOR 32"

## Premium Endoscopy Visualization



A Novanta Company

### SPECIFICATIONS

Screen Size	31.5" diagonal	
Image Size	27" x 15"/698 x 393 mm (WxH)	
Resolution	1920 x 1080	
Aspect Ratio	16:9	
View Angle	178°	
Luminance	650 cd/m <sup>2</sup> typical @ 6500°K	
Contrast Ratio	1,000:1 (nominal)	
Numbers of Colors	16.7 Million	
Backlight Stabilization	NDS Intelli-Guard™	
Color Calibration	NDS Medi-Match™	
Color Gamut	120% of BT.709	
Response Time	10ms	
Latency	18ms	
Video Board Configurations	Primary Board – Digital & Analog	DVI-I and 3G-SDI Input/Output (supports VGA/RGB/SoG)
	Secondary Board – Digital	2nd DVI-D and 3G-SDI Inputs/Outputs, Analog Component/VGA
	Secondary Board – Analog	2nd DVI-D Input/Output, Analog Component/VGA, S-Video, Composite
	Secondary Board – HDBaseT	2x HDBaseT Inputs (DVI over CAT-6)
Embedded Wireless Receiver	Optional ZeroWire Embedded Receiver	
Sealed Glass	Bezel Protected, Edge-to-Edge, Chemically Strengthened	
Glass Anti-Scratch Warranty	10-Year Scratch-Resistant Guarantee	
Warranty	3 Years	
Dimensions	30.7" x 20" x 3.4"/780mm x 509mm x 87mm (WxHxD)	
Weight	29 lbs/13.2 kg (primary board only)	
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	
Regulatory Compliance	ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, Conflict Minerals, FCC Class B, EN60601-1, EN60601-1-2, CE, MDD 93/42/EEC, Class I Medical Device, Designed to meet IPX6, CCC	
Regulatory Compliance with ZeroWire Embedded	ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, FCC Class B, CAN ICES-3(B) / NMB-3(B); EN60601-1, EN60601-1-2, MDD 93/42/EEC, EU Class I Medical Device, (RE-D) Directive 2014/53/EU, this device contains module: SII-SK63101, EN 302-567 V2.0.24, CE, US: Class II Medical Device, FDA cleared, FCC ID: UK2-SII-SK63101, IC ID: 6705A-SIISK63101, Designed to meet IPX6, 007AA106	
Supplied Accessories	Power Supply, 100-240 VAC, 50-60 Hz to 24 VDC, 6.25 A AC power cord, region appropriate User Manual – English with multi-language CD-ROM	

### Global Headquarters

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### NDS Quality System

ISO 9001 and ISO 13485  
FDA Registration #2954921

### ORDER INFORMATION

#### Radiance Ultra 32"

90R0114	RU TC 32" with Primary Board
90R0112	RU TC 32" with Primary and Secondary Digital Board
90R0113	RU TC 32" with Primary and Secondary Analog Board
90R0115	RU TC 32" with Primary Board and ZeroWire Embedded
90R0128	RU TC 32" with Primary and Secondary HDBaseT Board

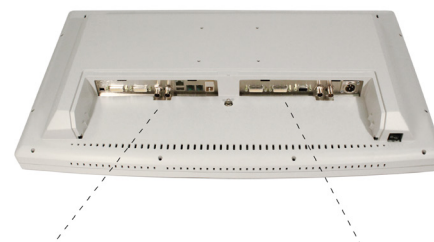
### OPTIONAL ACCESSORIES

90Z0221	Fiber Converter 5 VDC Power Cable
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\*Must be installed at factory; not field upgradable.

\*\*Shipping weights are approximate.

### CONFIGURATION



#### Primary Board

90R0114: Primary Board Only

#### Secondary Board\* (optional)

90R0112: Primary + Digital Board

90R0113: Primary + Analog Board

90R0128: HDBaseT Board