NEW

RADIANCE® ULTRA 32"

Premium Endoscopy Visualization

RADIANCE HD ULTRA

- Optimized for endoscopy applications
- Advanced imaging capabilities
- Medi-Match™ color calibrated
- 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.

Enhanced endoscopic visualization is accomplished with an LED backlight technology that produces bright and vivid color video images even during deep abdominal procedures. Medi-Match™ color calibration assures consistent image quality and accurate color reproduction. The result is outstanding endoscopic video image performance.

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.

NDS

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NDS

SPECIFICATIONS

Screen Size	32" diagonal	
Image Size	27" x 15"/698 x 393 mm (WxH)	
Resolution	1920 x 1080	
Aspect Ratio	16:9	
View Angle	178°	
Luminance	400 cd/m^2 typical	
Contrast Ratio	1,000:1 (nominal)	
Numbers of Colors	16.7 Million (8-bit)	
Backlight Stabilization	NDS Intelli-Guard™	
Color Calibration	NDS Medi-Match™	
Color Gamut	BT.709 or SMPTE-C	
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
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	24 lbs/10.9 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, Conflict Minerals, FCC Class B, CAN ICES-3(B) / NMB-3(B); EN60601-1, EN60601-1-2, MDD 93/42/EEC, EU Class I Medical Device, (R&TTE) Directive 1999/5/EC, this device contains RF module: SII-SK63101, EN 302 065 V1.2.1, CE0984①, 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, 2.7 A AC power cord, region appropriate User Manual – English with multi-language CD-ROM	

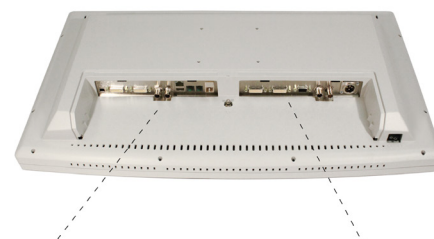## ORDER INFORMATION

Radiance Ultra 32"

90R0108	RU 32" with Primary Board
90R0106	RU 32" with Primary and Secondary Digital Board
90R0107	RU 32" with Primary and Secondary Analog Board
90R0110	RU 32" with Primary Board and ZeroWire Embedded Receiver

OPTIONAL ACCESSORIES

26B0088	Display Stand - 24", 26", 27", 32"
35X0100	Fiber Converter 5 VDC Power Cable

*Must be installed at factory; not field upgradable.
**Shipping weights are approximate.

CONFIGURATION

Primary Board
90R0108: Primary Board Only

Secondary Board* (optional)
90R0106: Primary + Digital Board
90R0107: Primary + Analog Board