

## RADIANCE® ULTRA TRUCOLOR 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.

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.

### PRODUCT FEATURES

- 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

Fujifilm

Healthcare  
**minimally  
invasive surgery**



# RADIANCE® ULTRA TRUCOLOR 32” SPECIFICATIONS

DESCRIPTION	PRODUCT CODE
RU TC 32” with Primary Board	90R0114
RU TC 32” with Primary and Secondary Digital Board	90R0112
RU TC 32” with Primary Board and ZeroWire Embedded EndoVue 21”	90R0115

## TECHNICAL DATA

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/m2 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/VG
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
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

## OPTIONAL ACCESSORIES

90Z0221a	Fiber Converter 5 VDC Power Cable
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\*Must be installed at factory; not field upgradable. \*\*Shipping weights are approximate.