

NEW

# RADIANCE® ULTRA 4K UHD 32"

Premium Endoscopy Visualization



- 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

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.

# RADIANCE® ULTRA 4K UHD 32"

## Premium Endoscopy Visualization

### SPECIFICATIONS

|                              |  |
|------------------------------|--|
| 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/m <sup>2</sup> (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<br>4K/UHD Output – Quad-Link SDI (4 x 3G-SDI)<br>Full-HD Inputs – DVI-D, 3G-SDI<br>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  |
| Warranty                     | 3 Years  |
| 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<br>AC power cord, region appropriate<br>User Manual – Printed (English Only) & multi-language CD-ROM                       |

### ORDER INFORMATION

#### Radiance Ultra 4K UHD 32"

|         |                           |
|---------|---------------------------|
| 90R0116 | Radiance Ultra 4K/UHD 32" |
|---------|---------------------------|

### OPTIONAL ACCESSORIES

|         |                                   |
|---------|-----------------------------------|
| 90Z0221 | Fiber Converter 5 VDC Power Cable |
|---------|-----------------------------------|



#### Global Headquarters

www.ndssi.com  
5750 Hellyer Ave  
San Jose, CA 95138  
USA 🇺🇸  
+1 408 776 0085  
info@ndssi.com

#### Europe

Novanta Europe GmbH  
Münchner Strasse 2A  
82152 Planegg  
Germany   
+49 89 31 707 100  
info.novanta-europe@novanta.com

#### Asia Pacific

Novanta Japan  
East Square Omori  
6-20-14 Minamioi, Shinagawa-ku  
Tokyo 140-0013  
Japan  
+81 3 5753 2466  
info@ndssi.jp

Oriental Media Center  
Suite 2302, Tower C  
No.4, Guang Hua Road  
Chao Yang District  
Beijing, 100026  
China  
+86 10 8559 7859  
info@ndssi.com.cn

#### NDS Quality System

ISO 9001:2008 and ISO 13485:2003  
FDA Registration #2954921

\*Shipping weights are approximate.