

RADIANCE® ULTRA 32" 4K STANDARD

- *Surgical 4K display with State-of-the-Art image performance*
- *Industry-Leading brightness and dynamic color representation*
- *Ultra-Low Latency to Optimize Camera Performance*
- *Color accuracy that exceeds broadcast quality standards*
- *BT.2020 colorimetry emulation ensures accurate camera color*
- *Easy-to-Clean, scratch resistant, warranty-backed front glass*



RADIANCE®
UHD ULTRA

THE GOLD STANDARD IN 4K VISUALIZATION

The Radiance Ultra 32" 4K is at the forefront of surgical visualization technology, delivering an unprecedented level of detail, sharpness, and clarity. Featuring one of the brightest luminance output of any 4K medical display available using the 16:9 UHD format, potentially enhancing the visibility of recessed anatomy, engendering clinical confidence.

An ultra-wide color gamut and BT.2020 factory calibration provides a color spectrum more closely aligned with human vision. Proprietary Medi-Match™ calibration achieves a level of color accuracy that exceeds stringent broadcast quality standards. This color differentiation enables meticulous identification of otherwise subtle anatomical structures.

Natural motion is perfectly preserved as a result of humanly imperceptible ultra-low latency, providing immediate real-time visual feedback free of any lag or delay. Its modern industrial design incorporates edge-to-edge scratch-resistant glass.

The product is available in both a standard model, and an enhanced version with even better optical performance and further expanded color gamut.

TECHNICAL SPECIFICATIONS

IMAGE PERFORMANCE

Diagonal Size	31.5 inches (800 mm)
LCD Display Type	MVA
Native Resolution (H x V)	3840 x 2160 (4K/UHD)
Aspect Ratio	16:9, UHD
Luminance	650 cd/m ² (Typical)
Contrast Ratio	1700:1 (Typical)
Medi-Match™ Calibration	BT.709, BT.2020 Emulation
Number of Colors	1.07 Billion (10-bit)
Color Gamut	137% of BT.709, 72% of BT.2020
Response Time	9.5 ms (Typical)

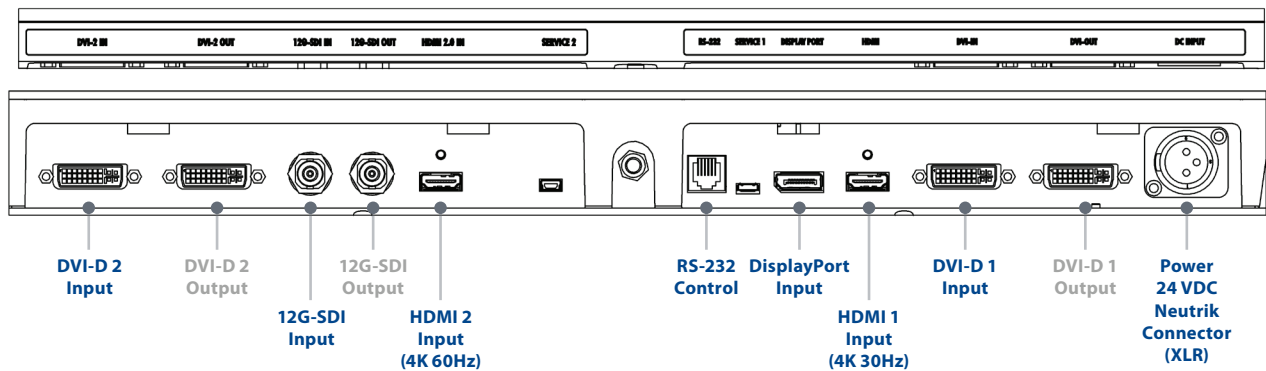
GENERAL

Input Power	24 Volts DC
Dimensions (W x H x D)	30.7" x 20" x 3.4"/780 mm x 509 mm x 87 mm
Protective Front Panel	AR Coated, Chemically Strengthened Glass
Scratch Resistant Guarantee	Yes
Warranty	3 Years
Mounting	100 x 100 mm VESA, 200 x 100 mm VESA
Display Weight	27.5 lbs (12.5 kg)
Shipping Weight	45 lbs (20.5 kg)
Shipping Dimensions	36" x 9" x 29"/92 x 23 x 74 cm

ACCESSORIES

Included Accessories	24 VDC Power Supply, region appropriate AC power cord, Download Information for User Manuals
Optional Accessories	DC Power Extension Cables: 10 ft (90Z0287), 50 ft (90Z0288) RS-232 Adapter Cable - DB-9 to RJ11 (90Z0245)

INPUT/OUTPUT CONNECTOR PANEL



* 4K/UHD capable inputs also support HD resolutions

CONNECTIVITY

CONNECTIVITY	SIGNAL TYPE	CONNECTOR
4K/UHD Inputs*	12G-SDI	BNC x 1
	DisplayPort 1.2	DisplayPort
	HDMI 2.0	HDMI Type-A
	HDMI 1.4b	HDMI Type-A
4K/UHD Outputs	12G-SDI	BNC x 1
HD Inputs	2 x DVI-D	DVI-D
HD Outputs	2 x DVI-D	DVI-D
Control Input	RS-232 Serial Control	RJ-11

REGULATORY COMPLIANCE

ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, , FCC Class B, EN60601-1, EN60601-1-2, CE, MDR 2017/745, Class I Medical Device, CCC

ORDERING INFORMATION

90R0123 Radiance Ultra 32"4K, 12G-SDI, Standard

CONTACT INFORMATION

NDS Global Headquarters

100 Paramount Drive, Suite 101
Sarasota, FL 34232 USA 🇺🇸
www.ndssi.com
+1 888 982 4469
info@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

Europe

Novanta Europe

Werk 4
92442, Wackersdorf
Germany  REP
+49 9431 7984-0
info.novanta-europe@novanta.com

NDS China Office

Oriental Media Center
Suite 1510, 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 13485 FDA Registration #2954921
Document 7250009 Rev B