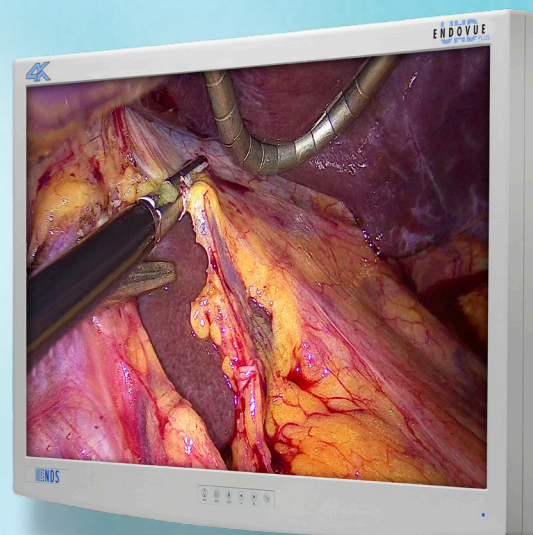


## ENDOVIEW® PLUS 4K 32"

- *Cost-effective 4K Surgical Visualization System*
- *Low Latency to Optimize Camera Performance*
- *Wide Color Gamut and Excellent Brightness*
- *BT.2020 Factory Color Calibration*
- *Anti-Reflective Filter Protection*
- *Robust and Reliable with a Minimal Cost of Ownership*
- *Supports All 4K Video Signal Types*



ENDOVIEW  
PLUS

### COST-EFFECTIVE 4K VISUALIZATION

The new EndoVue Plus 4K 32" delivers an unprecedented level of detail, sharpness, and clarity with four times the resolution of HD. Future-proof your investment in the 4K revolution without exceeding your budgetary constraints.

Compatible with all 4K surgical cameras, it supports Quad-Link SDI, DisplayPort, HDMI 2.0, and DVI inputs. Its low latency performance provides real-time visual feedback without delay. Factory calibration provides consistent color performance.

Its native 16:9 UHD format is in alignment with today's 4K surgical camera systems. This maximizes the physical image size and eliminates letter-boxing.

Glare is minimized by the anti-reflective coating applied to the optical filter, which also protects the screen. Making the sealed design infection control friendly with an IP32 dust and liquid ingress rating.

***Not yet commercially available.***

## TECHNICAL SPECIFICATIONS

### IMAGE PERFORMANCE

|                           |                                 |
|---------------------------|---------------------------------|
| Screen Size (Diagonal)    | 31.5 inches (800 mm)            |
| Native Resolution (H x V) | 3840 x 2160 (4K/UHD)            |
| Aspect Ratio              | 16:9, UHD                       |
| Luminance                 | 450 cd/m <sup>2</sup> (Typical) |
| Contrast Ratio            | 1300:1 (Typical)                |
| Color Calibration         | BT.709, BT.2020 Emulation       |
| Color Gamut               | 134% of BT.709, 71% of BT.2020  |
| Number of Colors          | 1.07 Billion                    |
| White Point               | 6500K Color Temperature         |
| Response Time             | 14 ms (Typical)                 |
| Display Latency           | Less than 25 ms (Typical)       |

### GENERAL

|                        |  |
|------------------------|--|
| Input Power            | 24 Volts DC                            |
| Dimensions (W x H x D) | 29.7 x 19.1 x 3.9 in/753 x 485 x 98 mm |
| Protective Front Panel | AR Coated, Acrylic Optical Filter      |
| Cable Management       | Built-In I/O Cable Cover               |
| Warranty               | 1 Year                                 |
| Mounting               | 200 x 100 mm VESA                      |
| Display Weight         | 25 lbs (11.4 kg)                       |
| Shipping Weight        | 31 lbs (14.0 kg)                       |
| Shipping Dimensions    | 35 x 9 x 27 in/89 x 23 x 69 cm         |
| Green Compliance       | REACH, RoHS-2, WEEE, Conflict Minerals |

### ACCESSORIES

|                      |  |
|----------------------|--|
| Included Accessories | 24 VDC Power Supply, region appropriate AC power cord, Download Information for User Manuals |
| Optional Accessories | DC Power Extension Cables:<br>10 ft (90Z0287), 50 ft (90Z0288)                               |

### INPUT/OUTPUT CONNECTOR PANEL

| CONNECTIVITY   | SIGNAL TYPE                                  | CONNECTOR       |
|----------------|--|-----------------|
| 4K/UHD Inputs* | Quad-Link SDI (4 x 3G-SDI) - <i>Optional</i> | BNC x 4         |
|                | HDMI 2.0**                                   | HDMI Type-A     |
|                | DisplayPort 1.2                              | DisplayPort     |
| 4K/UHD Outputs | Quad-Link SDI (4 x 3G-SDI) - <i>Optional</i> | SMA Coaxial x 4 |
|                | HDMI 2.0**                                   | HDMI Type-A     |
| HD Inputs      | 3G-SDI x 4 - <i>Optional</i>                 | BNC x 1         |
| HD Outputs     | 3G-SDI x 4 - <i>Optional</i>                 | SMA Coaxial x 1 |
| Control Inputs | RS-232 Serial Control                        | Mini-USB        |
| DC Output      | 5 VDC (1.0 Amps)                             | TBD             |

### REGULATORY COMPLIANCE

ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, CAN ICES-3(B)/NMB-3(B), FCC Class B, EN60601-1, EN60601-1-2, CE, MDD 93/42/EEC, EAC, CCC, Class I Medical Device, IPX2 front

### ORDERING INFORMATION SIGNAL TYPE & CONNECTOR

|         |                                    |
|---------|------------------------------------|
| 90K0089 | EndoVue Plus 4K 32"                |
| 90K0090 | EndoVue Plus 4K 32", Quad-Link SDI |


### CONTACT INFORMATION

#### NDS Global Headquarters

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

#### Europe

##### Novanta Europe

Parking 57-59  
85748 Garching  
Germany   
+49 89 31 707 100  
info.novanta-europe@novanta.com

#### Asia Pacific

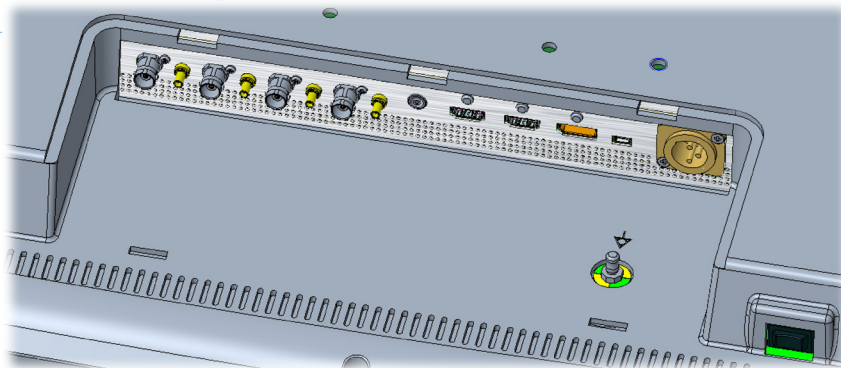
##### Novanta Japan

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

#### NDS China Office

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

90K0090



\* 4K/UHD capable inputs also support HD resolutions

\*\* HDMI inputs support DVI-D signals up to 1080p via a DVI to HDMI adapter cable (not included)

NDS Quality System  
ISO 13485 FDA Registration #2954921  
Document 7250005 Rev A