



NDS
A Novanta Company



SCALEOR™

- *Medical-Grade video converter/scaler*
- *Modular design supports both analog and digital video in HD or SD formats*
- *Multiple simultaneous HD video output formats*
- *OSD menu functionality for output format and other advanced features*
- *Universal video format conversion*



MEDICAL-GRADE VIDEO SCALER

The ScaleOR product is a medical-grade video scaling device for use in healthcare environments. It provides the user with the flexibility to choose the appropriate input module per their needs to accommodate either analog or digital signal conversions and scaling. The available input modules are DVI-D, 3G-SDI, RGB/SOG, and S-video/Composite. The video input is scaled, and converted to three simultaneous outputs formats: 3G-SDI, DVI-D and DVI over single fiber (optional).

The scaled output format is selectable using a dip-switch setting or by using the on-screen-display menu (OSD). From the OSD menu, users can access advanced features such as RGB gain, brightness, contrast, hue, saturation, zoom, and scaling settings.

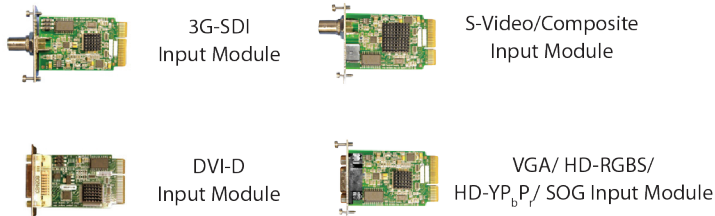
TECHNICAL SPECIFICATIONS

SPECIFICATIONS/FEATURES

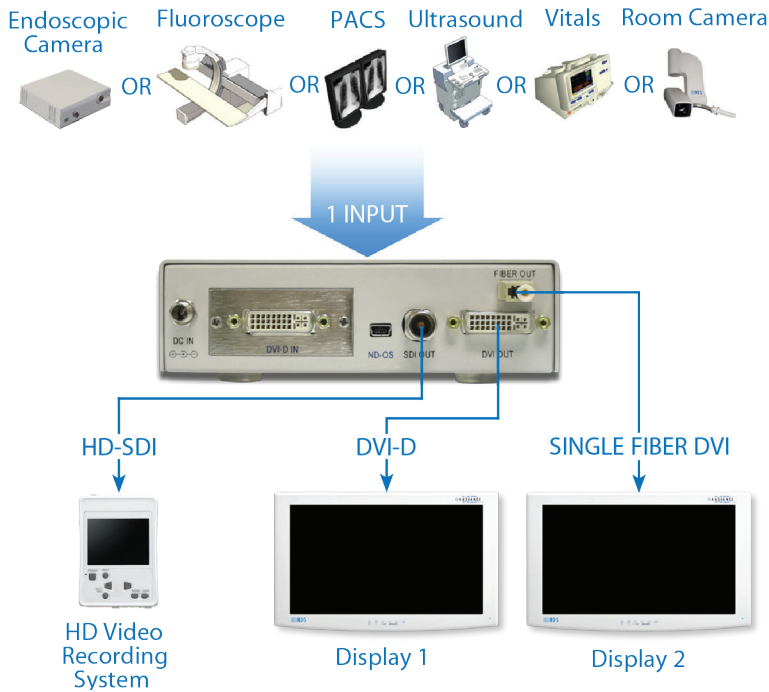
Dimensions (W x D x H)	5.80 x 7.5 x 1.67 inches (147.3 x 190.5 x 42.4 mm)
Control Interface	Front Keypad & OSD or serial Interface
Compatible Displays	NDS Radiance®, EndoVue™, and Other HD Displays
Input Signal Detection Indicator	Power Switch Illuminates Steady When Detected

Supports 25 video input formats & 30 graphics resolutions up to 1080p or 1920 x 1200.

Supports a total of 47 different output resolutions (some on DVI only).



TYPICAL APPLICATION DIAGRAM



REGULATORY COMPLIANCE

ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, Conflict Minerals, FCC Part 15, EN60601-1, EN60601-1-2, CE, MDR 2017/745, REACH, RoHS-3, WEEE, Class I Medical Device

ORDERING INFORMATION

90T0009	ScaleOR with DVI-D Module
90T0010	ScaleOR with DVI-D Module and Single Fiber
90T0011	ScaleOR with 3G-SDI Module
90T0012	ScaleOR with 3G-SDI Module and Single Fiber
90T0013	ScaleOR with VGA / RGBs / SoG / YPbPr Module
90T0014	ScaleOR with VGA / RGBs / SoG / YPbPr Module and Single Fiber
90T0015	ScaleOR with S-Video / Composite Module
90T0016	ScaleOR with S-Video / Composite Module and Single Fiber

CONTACT INFORMATION

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NDS Quality System
ISO 13485 FDA Registration #2854921
Document 72D00008 Rev. G