

GENERAL SPECIFICATIONS

12 VDC Power Consumption	Standard Configuration - 1.41 Amps With Single Fiber Output Option - 1.59 Amps
Dimensions (W x D x H)	5.80 x 7.5 x 1.67 inches (147.3 x 190.5 x 42.4 mm)
Product Weight	Standard Configuration - 1.3 lbs (0.59 Kg) With Single Fiber Output Option - 1.5 lbs (0.68 kg)
Control Interface	Front Keypad & OSD or RS-232 Interface
Compatible Displays	NDSsi Radiance®, EndoVue™, and Other HD Displays
Input Signal Detection Indicator	Power Switch Illuminates Steady When Detected

ENVIRONMENTAL SPECIFICATIONS

Temperature	Operating: 0 to +40°C (+32 to +104°F) Storage: -20 to +60°C (-4 to +140°F)
Humidity	Operating: 20 – 85% RH, Storage: 5 – 85% RH

SUPPORTED VIDEO & GRAPHICS RESOLUTIONS

Supports over 60 video & graphics input resolutions up to 1080p or 1920 x 1200. Supports a total of 47 different output resolutions (some on DVI-D only).

STANDARD PRODUCT PART NUMBERS

90T0009: DVI w/o Fiber, 90T0010: DVI w/ Fiber, 90T0011: SDI w/o Fiber, 90T0012: SDI w/ Fiber, 90T0013: VGA w/o Fiber, 90T0014: VGA w/ Fiber, 90T0015: S-Video w/o Fiber, 90T0016: S-Video w/ Fiber

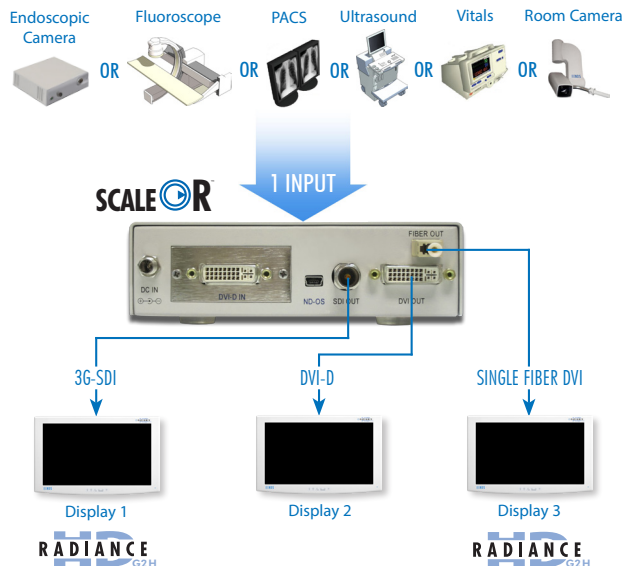
INCLUDED ACCESSORIES

DC Power Supply, Printed User Manual, Product Documentation CD

COMPLIANCE & CERTIFICATIONS

ANSI/AAMI ES60601-1, CAN/CSA C22.2 No. 60601-1, Conflict Minerals, FCC Part 15, EN60601-1, EN60601-1-2, CE, MDD 93/42/EEC, 2007/47/EC, REACH, RoHS-2, WEEE, Class I Medical Device

CONNECTIVITY DIAGRAM



INPUT / OUTPUT CAPABILITIES

ONE MODULAR VIDEO INPUT CARD SLOT (Available input modules below)

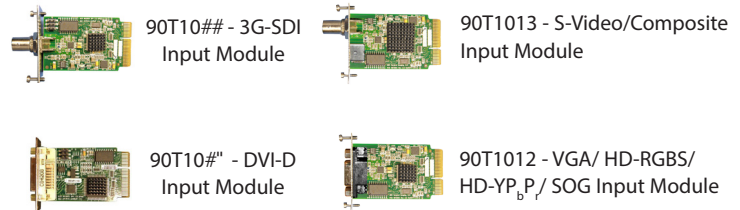
INPUT MODULES ACCEPTED	CONNECTIVITY
DVI Input Module	DVI-D
SDI / HD-SDI / 3G-SDI Input Module	BNC x 1, 75 Ω
VGA / RGBS / YP _b P _r / SOG/ Input Module	HD-15, 0.7 Vp-p ± 6db, 75 Ω
S-Video / Composite Input Module	DIN-4, 0.7 Vp-p +6/-3db & BNC x 1, 75 Ω

VIDEO OUTPUTS	CONNECTIVITY
SDI / HD-SDI / 3G-SDI Output	BNC x 1, 75 Ω
DVI Digital Output	DVI-D
*Single-Fiber DVI Output (Optional)	LC x 1

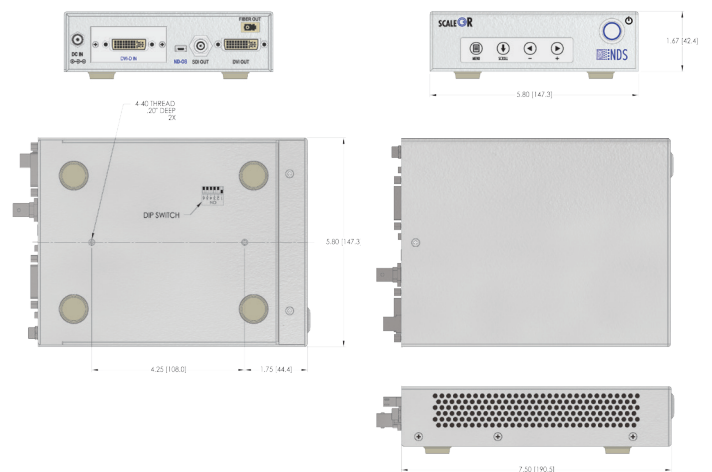
FIRMWARE UPDATE PORT	CONNECTIVITY
ND-OS	Mini-USB

* Optional single-fiber output is compatible with Radiance G2 displays w/ fiber.

INPUT MODULES



MECHANICAL DRAWING



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

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 Minamioji, 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