

SUPPORTED DEVICES/APPLICATIONS

SOURCE	APPLICATION
DVI, HD-SDI	HD Endoscopy, PACS, Vital Signs, Room Camera
HD-RGBS, HD-YP _b P _r	HD Endoscopy
RGBS, YP _b P _r , SDI	SD Endoscopy
S-Video, Composite	Fluoroscopy, SD Endoscopy, Ultrasound
VGA	PACS, Endoscopy, Ultrasound, Angiography

HIGH DEFINITION SURGICAL VISUALIZATION



IMAGE PERFORMANCE

LCD Panel	Active Matrix TFT
Image Size (H x W)	20.4 x 12.8 inches (518 x 324 mm)
Viewing Area (Diagonal)	24 inches (610 mm)
Pixel Pitch	0.270 mm
Resolution (H x W)	1920 x 1200 (WUXGA)
Luminance	400 cd/m ² (Typical)
Contrast Ratio	1300:1 (Typical)
Aspect Ratio	16:10
Number of Colors	16.8 Million
Color Gamut	100% (SMPTE 296M, HD Standard)
Viewing Angle	178°
Response Time	6-14 ms
Gamma	1.8, 2.0, 2.2, 2.4, 2.6, PACS (DICOM)

INPUTS

DVI	DVI-D
HD-SDI	BNC, 75 Ω
HD-RGBS, RGBS	DVI-I or HD-15, 0.7 Vp-p ± 6db, 75 Ω
HD-YP _b P _r / YP _b P _r	DVI-I or HD-15, 0.7 Vp-p ± 6db, 75 Ω
VGA	HD-15, 0.7 Vp-p ± 6db, 75 Ω
S-Video	DIN-4, 0.7 Vp-p +6/-3db, 75 Ω
Composite	BNC, 0.7 Vp-p +6/-3db, 75 Ω

CONNECTIVITY

OUTPUTS

DC Output	+5 VDC used for driving video fiber receiver
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CONTROL INPUT

Serial Remote	D-sub 9pin, RS-232C
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GENERAL

Input Power Requirements	22 to 26 Volts DC
Power Consumption	105 Watts (Typical)
Dimensions (W x H x D)	23.8 x 15.9 x 3.9 in (604 x 404 x 99 mm)
Weight	16.9 lbs (7.6 Kg)
Temperature	Operating: 0 to +35°C (+32 to +104°F) Storage: -20 to +50°C (-4 to +140°F)
Humidity	Operating: 20 – 85% RH Storage: 10 – 90% RH
Mounting	200 x 100 mm and 100 x 100 mm VESA

USER CONTROLS - ON-SCREEN MENU

Input Selection, Brightness, Contrast, Hue, Saturation, Gamma, Sharpness, RGB Gain, Backlight Level, Horizontal & Vertical Position, Phase, Frequency, DPMS, Auto-Source Select, Scaling, Overscan, Programmable User / Modality Settings Profiles

SUPPLIED / OPTIONAL ACCESSORIES

Supplied: Power Supply, Video Cables - S-Video, BNC, VGA, DVI, AC Cord, Product Documentation CD, Printed User Manual
Optional: Desktop Stand (P/N 26B0078)

COMPLIANCE & CERTIFICATIONS

UL 60601-1, EN 60601-1, EN 60601-1-2, FCC Part 15, MDD 93/42/EEC, CE, 2007/47/EC, CAN/CSA C22.2 NO. 601.1, Class 1 Medical Device, RoHS, WEEE

VIDEO INPUT FORMATS

Format	Input (Digital)	Input (Analog)	Horizontal Frequency (kHz)
576/50i (PAL)	SDI	Comp, S-Video, RGBS, YP _b P _r	15.625
480/60i (NTSC)	SDI	Comp, S-Video, RGBS, YP _b P _r	15.734
576/50p	DVI	SOG, RGBS, YP _b P _r	31.250
480/60p	DVI	SOG, RGBS, YP _b P _r	31.469
720/50p	HD-SDI, DVI	HD-RGBS, HD-YP _b P _r	37.500
720/60p	HD-SDI, DVI	HD-RGBS, HD-YP _b P _r	45.000
1080/50i	HD-SDI, DVI	HD-RGBS, HD-YP _b P _r	28.125
1080/60i	HD-SDI, DVI	HD-RGBS, HD-YP _b P _r	33.750
1080/50p	DVI	--	56.2
1080/60p	DVI	--	67.3

INPUT / OUTPUT CONNECTOR PANEL

