

4.0 TECHNICAL SPECIFICATIONS

Medical electrical equipment complies with and was tested with respect to electric shock, fire, electromagnetic compatibility, mechanical and other specified hazards only, in accordance with UL60601-1: 2005 + CORR. 2: 2006 + CORR. 2: 2007; AAMI ES60601-1-2005, CSA C22.2 No. 601.1:2008/02/01 + CORR 2: 2011; IEC-60601-1-6: 2010; IEC-62366: 2007; IEC-60601-2-10: 2009; IEC60601-1:1988 + A1:1991 + A2:1995; IEC60601-1-6:2006; IEC60601-2-18: 1996 + A1:2000; IEC 60601-1-2: 2007



4.1 Product Technical Specifications

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IM8000	
Classification:	Class 1, Type CF Applied Parts
Mains power:	100-240 VAC, 50-60 Hz, 0.8 Amp
Image Sensor:	3 CMOS sensors 1/3 inch
Resolution:	1920 x 1080 pixels
Video Outputs:	
DVI-D (x2)	1080p; 50 Hz or 60 Hz; aspect ratio 16:9; DVI-D single link
HD-SDI (x2)	1080p; 50 Hz or 60 Hz; aspect ratio 16:9; SMPTE 292M
S-video (x1)	1.0 Vp-p Luminance (Y) into 75Ω (0.7 Vp-p video, 0.3 Vp-p syncs) 0.3 Vp-p Burst (C) into 75Ω; PAL or NTSC image in side cut
Composite video (x1)	1.0 Vp-p composite into 75Ω; PAL or NTSC image in side cut
Sensitivity:	151x@F2.8, 320K, 12dB Y level > 210mv
Signal to Noise ratio (SNR):	54 dB Typ
Power Consumption:	73VA max
Fuses:	T 1.0A, 250V
Dimensions (console):	14.0" (W) x 3.6" (H) x 14.1" (D) 35.5 cm (W) x 9.2 cm (H) x 35.8 cm (D)
Weight (console):	8.6lbs. (3.9kg)
Remote output (x2):	3.5mm two conductor (mono) phonejack-female
White Balance:	Automatic, triggered by front panel or camera head button
Electronic Zoom:	Up to 2:1, controllable by camera head button