

## IM8000

True HD 3MOS Camera System

# Features and Benefits



### Patient Safety

Cutting edge 3MOS (3-chip CMOS technology) improves image resolution, delivering the most natural color spectrum for multi-specialty procedures.

### OR Efficiency

Unique autoclavable camera head allows for the most cost-effective solution in sterilization of equipment.\*

### Financial

Resilient ShockFlex™ prism mounting and card-edge camera paddle designed to ensure a longer life span for equipment.

To learn more about this and other innovative products, call **1-800-237-0169** or visit **ConMed.com**.

# Product Specifications

<b>I.E.C. 60601-1 Equipment Classification:</b>	Class1, Type CF Applied Parts	<b>Signal to Noise ratio (SNR):</b>	54 dB Typ
<b>Mains Power:</b>	100-240 VAC, 50 - 60 Hz, 0.8 Amp	<b>Power Consumption:</b>	73VA max
<b>Image Sensor:</b>	3 CMOS sensors	<b>Fuses:</b>	T 1.0A, 250 V
<b>Resolution:</b>	1920 x 1080 pixels	<b>Dimensions (console):</b>	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)
<b>Video Outputs:</b>		<b>Weight (console):</b>	8.6lbs. (3.9kg)
DVI-D (x2)	1080p; 50 Hz or 60 Hz; aspect ratio 16:9; DVI-D single link	<b>Remote output (x2):</b>	3.5 mm two conductor (mono) phone jack - female
HD-SDI (x2)	1080i; 50 Hz or 60 Hz; aspect ratio 16:9; SMPTE 292M	<b>White Balance:</b>	Automatic, triggered by front panel or camera head button
S-video (x1)	1.0 Vp-p Luminance (Y) into 75Ω (0.7 Vp-p video, 0.3 Vp-p syncs)  PAL or NTSC image in side cut	<b>Electronic Zoom:</b>	Up to 2:1, controllable by camera head button
Composite video (x1)	1.0Vp-p composite into 75Ω; PAL or NTSC image in side cut	<b>Camera Cable Length:</b>	12 ft. (3m)
<b>Sensitivity:</b>	15lx@F2.8, 3200K, 12dB Y level > 210mv	<b>Camera Head Weight:</b>	7.2 oz. (205g) without cable

## Ordering Information

Description	Catalog Number
True HD 3MOS Camera Control Unit	IM8000
Autoclavable True HD 3MOS Camera Head, "Eyecup"	IM8120
Autoclavable True HD 3MOS Camera Head, "Cartridge"	IM8121
Direct LED Light Source	LS8000

Customer Service: 1-800-448-6506  
International Sales: 1-315-797-8375  
Fax: 1-800-438-3051

ConMed.com  
info@mail.conmed.com