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Ottomed
ENDOSCOPY

SMARTEYE-II
High Definition Video Endoscopy System

SMARTEYE II

ENDOSCOPE

HOME

ENHANCE
L M H

LIGHT

WHT BAL

EXT IN

PUMP
L H

AVE PEAK

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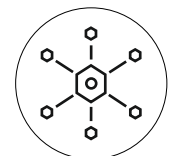⚠ CAUTION: DRY THE CONNECTOR BEFORE INSERTION.
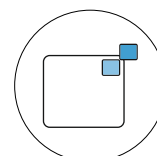
Model : SE-II

SmartEye-II is a Digital Video Endoscopy System offering best-in-class features to Gastroenterologists. The HD platform makes diagnostic and therapeutic endoscopic treatments smooth & hurdle free.
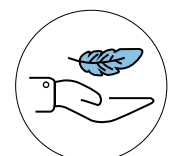
HDTV
HD Imaging

Multiple video signals

PIP/POP

Compact & Light Weight

Features:

- **HD Imaging**
  High Definition clearer crisper brighter image quality with true colour reproduction increase the observation & detection possibilities.

- **External Storage**
  Easy to store still images in an external storage device. Compatible with any external pen drive.

- **PIP/POP**
  In Picture In Picture (PIP) & Picture Out Picture (POP) display, users can watch different images from different sources while performing the endoscopy procedure, especially in ERCP or Ultrasound.

- **Video Signal I/O**
  Multiple Digital & Analog video I/O signals connectivity help to connect video system to multiple displays, recording softwares & devices, long distance video transmission.

- **Compact & Light Weight**
  LED at Tip technology helps to make the System compact & light weight. Easy to carry anywhere.

Specocations:

Model	OVP-SEII	
Power Supply	Voltage	100-240 VAC
	Voltage fluctuation	Within±10%
	Frequency	50/60 Hz
	Frequency uctuation	Within±3 Hz
	Consumption electric power	72VA
	Current Fuse rating	4 A, 250 V
	Fuse size	ø5.0 x 20.0 mm
Size	Dimensions & Weight	320(W) x 500(L) x 152(H) mm 10.3kg
Classocation (medical electrical equipment)	Type of protection against electric shock	Class 1
	Degree of protection against electric shock of applied part	Type BF applied part. Where no classocation mark appears, the device is a TYPE BF applied part.
	Degree of protection against explosion	The Video Processor should be kept away from ammable gases.
	Video signal output	VBS composite (PAL), Y/C, HDMI, HD-SDI, DVI-D Simultaneous output is possible.
Observation	Video signal input	VBS composite (PAL), HDMI
	White balance	By pressing the white balance switch on the front panel, automatic white balance can be performed.
	Color tone adjustment	The following color tone adjustments may be using the color tone adjustment on the "System Setup" menu * **"R"** control:±10 steps * **"B"** control:±10 steps
	Iris area selection	The area over which light is measured can be changed according the body part that is being observed. The following to choices can be made using the iris mode selector on the front panel. **Average:** Normal observation, **Peak:** When focusing on and/ or observing a small light area.
	Image Enhancement mode setting	Structure enhancement in the endoscopic images can be enhanced electrically to increase the image sharpness.
	Gamma Correction	Gamma correction adjustments can be performed by adjusting the gamma value.
	Switching the enhancement modes	The enhancement level can be selected from 3 levels enhancement modes (Low, Med. and High) using the image enhancement mode on the front button panel.
	Freeze screen display	The endoscopic image can be displayed as a frozen image, using the freeze switch key from endoscope.
	Brightness Selector	The brightness can be adjusted using the brightness adjustment on the "system setup/camera adjustment" menu.
	Remote control	The following function can be controlled by the endoscope's remote switches (Freeze, Record, Light, White Balance, Enhancement, Contrast, Zoom, Iris, Image Size, Remove Data & EXT In)
	External Storage	USB Memory Stick
Documentation	Patient Data	The following data and modes can be displayed on the video monitor using the keyboard *ID number *Patient Name *Sex, Age *Date of Birth
	Display the record state	Date/time (built in clock)
	Pre-procedural patient data	For a maximum of 40 patients *ID number *Patient Name *Sex, Age *Date of Birth
Image storage & retrieval	Memorization of selected setting	The following setting on the front panel are stored even when the video processor is turned OFF. *System setup *Setting the image record *Patent data *Color tone *White Balance
Memory Backup	Lithium Battery	Life : 5 years
Illumination	LED (White)	At Endoscope Tip
Air Feeding Method	Pump	Diaphragm type pump
	Airow	"Low", "High", "Stop"
Water Feeding		Air pressurization of water container (detachable)

Specifications, Designs and Models are subject to change without any obligation on the part of the manufacturer

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