

SMARTEYE-II

High Definition Video Endoscopy System

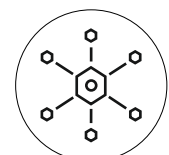


Model : SE-II

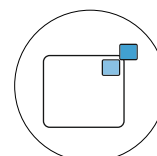
SmartEye-II is a Digital Video Endoscopy System offering best-in-class features to Gastroenterologists. The HD platform makes diagnostic and therapeutic endoscopic treatments smooth & hurdle free.



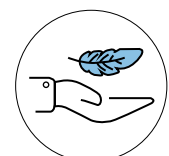
HD Imaging



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.

Specifications:

| Model | OVP-SEII | |
|---|---|---|
| Power Supply | Voltage | 100-240 VAC |
| | Voltage fluctuation | Within±10% |
| | Frequency | 50/60 Hz |
| | Frequency fluctuation | 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 | |
| Classification (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 classification mark appears, the device is a TYPE BF applied part. |
| Observation | 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. |
| | 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 |
| 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



Available at:

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