

# SMARTEYE-S3

## Multi-featured Video Endoscopy System



**Model : OVP-S3**



SmartEye-S3 is a Video Endoscopy System offering best-in-class features



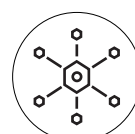
mBLU



Video Recording



Image Capturing



Multiple Video Signals



Scope Identification



Compact & Light Weight

## Specifications:

<b>Model</b>	<b>OVP-S3</b>	
<b>Power supply</b>	<b>Rated voltage</b>	100 – 240 V AC
	<b>Voltage fluctuation</b>	Within $\pm 10\%$
	<b>Rated frequency</b>	50/60 Hz
	<b>Frequency fluctuation</b>	Within $\pm 3$ Hz
	<b>Rated input</b>	40 VA
<b>Size</b>	<b>Dimensions</b>	445 (L) $\times$ 320 (W) $\times$ 152 (H) mm
	<b>Weight</b>	8.9 Kg Approx.
<b>Classification (medical electrical equipment)</b>	<b>Type of protection against electric shock</b>	Class I
	<b>Degree of protection against electric shock of applied part</b>	Depends on the applied part. (The degree of protection against electric shock of this product is BF type if the mounting part to be connected to this product is BF type. Note that CF type is not compatible with this product.)
	<b>Degree or protection against explosion</b>	The video processor should be kept away from flammable gases.
<b>Observation</b>	<b>Analog SD TV signal output</b>	Y/C $\times$ 1, VBS $\times$ 1 simultaneous output is possible.
	<b>Digital signal output</b>	HDMI $\times$ 2, DVI-D $\times$ 2 simultaneous output is possible.
	<b>White balance</b>	By pressing the white balance switch on the front panel, automatic white balance can be performed.
	<b>Color tone adjustment</b>	The following color tone adjustments may be using the color gain on the "System setup" menu *"R" control $\pm 5$ steps *"G" control $\pm 5$ steps *"B" control $\pm 5$ steps
	<b>Iris area selection</b>	The area over which light is measure 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 keyboard. Average: Normal observation Peak: When focusing on and/or observing a small bright area.
	<b>Image enhancement mode setting</b>	Fine patterns or edges in the endoscopic images can be enhance electrically to increase the image sharpness.
	<b>Gamma correction</b>	Gamma correction adjustments can be performed by adjusting the gamma value.
	<b>Switching the enhancement modes</b>	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.
	<b>Freeze screen display</b>	The endoscopic image can be displayed as a frozen image, using the remote switch and keyboard.
	<b>Brightness selector</b>	The brightness can be adjusted using the brightness adjustment on the "System & Image setting" menu.
	<b>Contrast selector</b>	The contrast can be adjusted using the contrast adjustment on the "System & Image setting" menu.
	<b>Remote control</b>	The following functions can be controlled by the endoscope's remote switches (Light, White Balance, Freeze, Zoom, Record Video, Iris, Record Image, Enhancement, Image Size, mBLU, Remove Data, No Option)
	<b>mBLU</b>	This mode is used to switch the normal mode to mBLU mode - 1 & mBLU mode - 2
	<b>Documentation</b>	<b>Patient information</b>
<b>Display the record state</b>		Date/time (bulid in clock)
<b>Scope information data</b>		The following scope information can be displayed on the monitor * Scope Model No. * Serial No. * Insertion Tube Diameter * Channel Diameter * Distal End Diameter * Cumulative uses * User details
<b>USB ports</b>	<b>Total 3 Nos.</b>	Keyboard & External Storage
<b>Recording format</b>	<b>Image</b>	PNG
	<b>Video</b>	AVI
<b>Memory backup</b>	<b>Number of User Settings</b>	User settings up to 5Nos. users
	<b>User Function Settings</b>	Settings are held in video processor memory, even after video system is turned off.
	<b>Lithium Battery</b>	Life: 5 years
<b>Illumination</b>	<b>LED</b>	LED at endoscope tip
<b>Air feeding</b>	<b>Pump</b>	Diaphragm type pump
	<b>Airflow</b>	3 – mode (OFF, Low, High)
<b>Water feeding</b>	<b>Method</b>	Air pressurization of water container (detachable)



Available at:

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