

SIMS Endo 4000

Sims Endo 4000 camera is packed with high resolution Full HD Sony sensor , with 2.8 MP pixel, to produce high quality images and videos, with ultra sharp images with excellent color reproduction

Camera head is equipped with German made glass lens with special anti reflection coating to prevent glares from liquids.



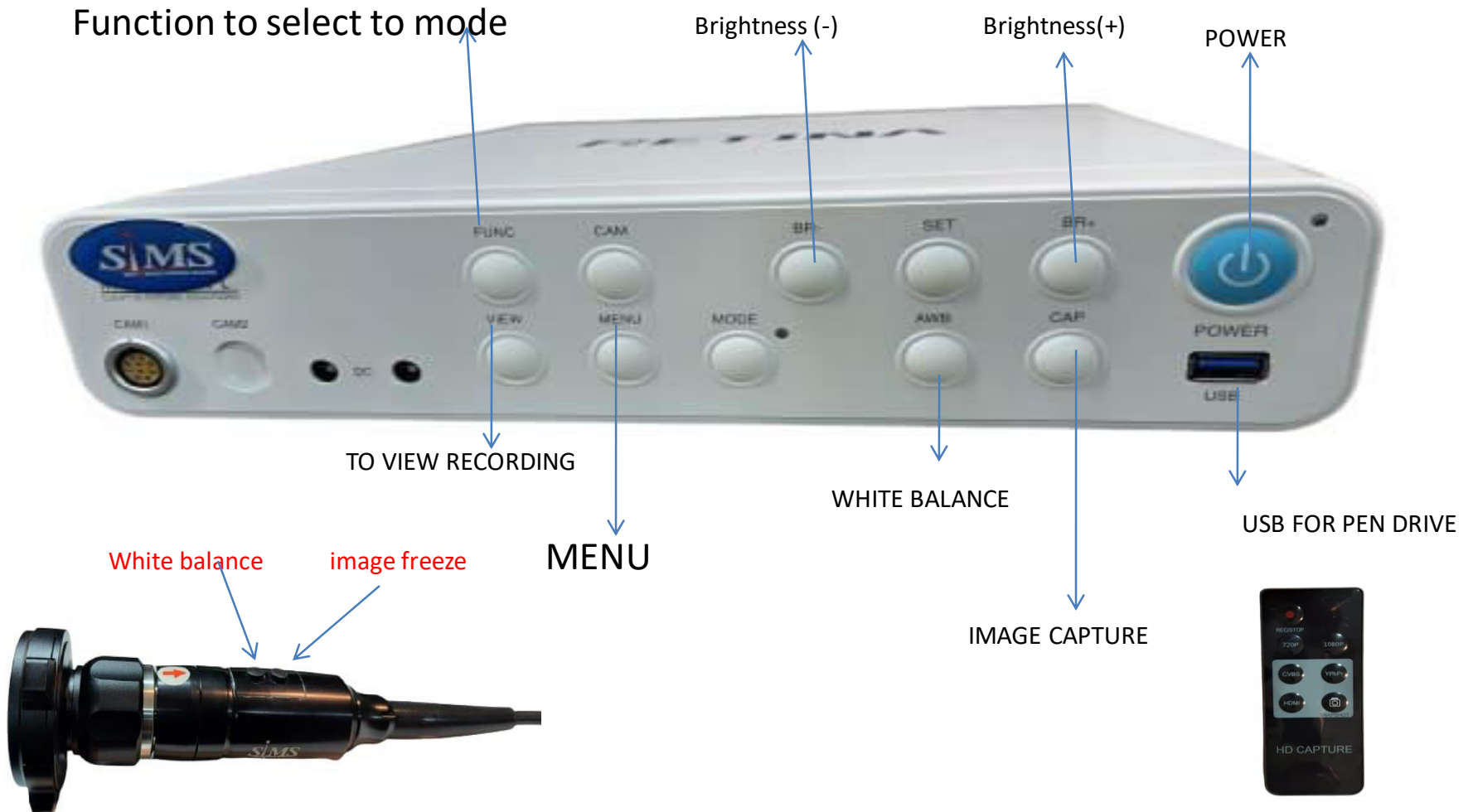
IR Remote



Full HD 1080P recording & image capture – RECORD FULL HD VIDEOS AT 60FPS WITH JUST ONE PRESS BUTTON ON FRONT PANEL DIRECTLY INTO USB DRIVE.

60FPS smooth video – for surgical use, 60 fps is must needed feature as it gives real-time pictures preventing any delay in live video which makes it very safe for surgical use. It prevents any blur in the captured images.

Full HD Laparoscopy & Endoscopy camera with 1080p Recording & Image capture



Silent features



Camera is Full HD 2.8MP, to crystal clear image on good full HD external monitor or medical grade monitor



High sensitivity helps it to work even at low intensity light source which laminates heating problem to patient due to light source.



Record high definition videos and capture images directly into USB drive



control unit has zoom in (up) & zoom out (down) button to examine patient into depth, using the MODE function



Record full HD videos at 60fps with just one press button on front panel directly into USB drive.

2.8 megapixel full HD 1080P – High resolution imaging with sharper details at 1920 * 1080P full HD 2.8 megapixel resolution.



IR remote control to capture images and videos by connecting IR extension cable provided along with camera.

Camera head :- Equipped with 2 buttons



1. Freeze :- Camera head features freeze button with one press it pause the live video which helps examine the captured image clearly , on 2nd press it captures the 2nd image and shows comparison between two captured images

2. White balance :-White balance helps the camera to adjust the colours of the image according to the intensity of the light source being used to make image look natural.

Model	Sims Endo 4000
Signal system	Pal/NTSC
Image sensor	1//1.9" Sony CMOS Full HD 1080p sensor
Total pixels	2000 (H) * 1241(V) approx 2.48M pixels
Unit cell size	3.75 um (H) * 3.75 um (V)
Scanning frequency	H; 15.625 KHz / V; 50Hz
Frame rate	50 fps @ 1080p
Sensor resolution	2.13 megapixel 1080p
Effective pixels	1945 (H) * 1097 (V) approx .2.13M pixels
Focal length of lens	22mm (ENT) / 28mm.(Laparoscopy)
Gain control (AGC)	0-10 steps
Brightness control	0-20 steps (adjust according to light surce equipment)
Output	1 HDMI , 1 3G – SDI
Input	1 USB input (upto 128 GB pen drive) ,1 PC input (windows)
Recording resolution	1080p full HD @ 60fps
Snapshot resolution	1920 * 1080 pixels
Digital zoom	1x-10x
Recording mode	Via USB pen drive
Min . system requirement for PC	OS ; windows 7,8,10 , Ram ; 16GB , Intel i5/i7 , memory ; 512 Gb , Graphics ; 2Gb
Sharpness	0-10
Color	0-10
White balance	PUSH LOCK
Camera cable length	3 meters ultra soft silicon cable .
HDMI cable length	2 meters ultra slim , DVI
Power cable length	2 meter
Supported endoscope	Rigid endoscopes / flexible endoscope (optional)
Connector	Push pull type
Power voltage	12VDC (camera head) , AC 110V – 240V
Power consumption	Max 2W / 170mA
Dimensions	275 (L) x 220(W) x 80(H) mm . (control unit) , Q38mm x 97.7mm (Camera Head)
Weight (Net)	Approx 2225g . (control unit) , approx 150g . (camera Head without cable and lens)