

ESC HD ENDOSCOPY CAMERA UNIT



Excellent Clarity with Full HD Resolution 2.4 Megapixel

It has resolution of 2.4 Megapixel 1080p which ensures high quality and sharp detailing of the images even in challenging conditions.

Its 1/1.9" super wide Sony sensor captures more details and more color than conventional 1/3" sensor in other cameras by pairing the deep black and natural colour for enhanced colour contrast in high luminance.

It has 5x Optical Zoom which helps user to get into the details of image without pixelating the image or compromising the image quality.

18-35 mm zoom which makes it suitable with ALL TYPES OF RIGID ENDOSCOPES and ALL TYPES OF APPLICATIONS.

Crisp and sharp hd images with new german glass lens which suits the fine focus optical requirements of laparoscopy & endoscopy. It can be attached to all brand rigid endoscopes.

Full HD Endoscopy Camera can only work best with professional grade Control unit, it cannot work on portable adapter or Portable Converters.

HIGHER SAFETY : Professional grade control unit has medical grade power board for better safety whereas portable full hd cameras works power adapter or power banks which are dangerous for surgical purpose.

LONG LIFE : Heat generated by full hd cameras requires proper heat dissipation mechanism with heat sink in console unit to ensure long life and safety of camera, whereas portable adapters doesn't last long with full hd camera.

BETTER IMAGE : Dedicated control unit with processor amplifies the image signal and prevents it from dropping whereas portable adapters are not able to maintain the image signal and hence compromising 20% of the image.

2x Sensitivity Sensor Captures brighter images even at low intensity light source.

No need to increase the intensity of the light source which helps to prevent heating issue due to high intensity of the light source.

60 frames per second is must needed feature for any surgical camera because of its ability to provide low delay images as compared to normal 30 fps camera which has micro seconds of delay or lag in videos.

Powered with Korean DSP, this high frame rate technology is very rear to find in other cameras and in such cost-effective solutions.

Getting true colors are now just one click away with White Balance button on camera head.

Advance White Balancing reproduces the finest colour variations for the best pictures.

Wide Dynamic Range (WDR) enhances the dynamic range of a picture, increasing the contrast between the brightest whites and darkest blacks. Every pixel is made more accurate, regardless of resolution, bringing scenes to life with greater detail.

Paired with white balance button, Camera head also comprises of freeze button which helps to pause the live video and examine the patient deeply and easily.