



4K Ultra High Definition Camera

ECS-UHD-111



HIGHLIGHTS: -

CE

- Ultra-High Definition of 3840 x 2160 resolution
- Multifunctional touch screen
- Live stream video on camera panel
- Record Ultra 4K videos and still images
- Digital Zoom upto 10X
- Progressive scan
- 4 Programmable camera head keys
- Preset fibre scope setting for anti-moire effect
- Seamlessly review playback recorded videos and snapshots.
- Adaptable to all kind of Medical rigid and flexible Fibersopes



4K Ultra High Definition Camera Model No. ECS-UHD-111

proMIS 4K Ultra HD Technology ensures unparalleled clarity and detail essential for precision in a wide range of delicate endoscopic procedures. Paired with a multifunctional touch panel, integrated recording system, and four programmable head keys, our advanced system sets a new standard in functionality and user-friendliness, revolutionizing medical imaging excellence.

Features:

Progressive Scan : Creates a picture signal with double the scan lines of a conventional interlaced picture to create a noticeably sharper image. It offers higher picture quality and eliminates virtually all motion artifacts.

Multifunctional Touch Screen : multifunctional touch panel offers an intuitive interface for live-stream video display directly on the camera screen. The intuitive nature of the touch screen interface significantly enhances the user experience, enabling seamless navigation and operation.

4K Playback and Image Capture: Seamlessly review 4K recorded videos and snapshots directly on the camera, which enhances convenience and efficiency during medical procedures.

10X Digital Zoom: The 10X digital zoom enlarges image without losing pixel quality, enhancing detailed visualization and precise examination during procedures.

Freeze Function: The image on the screen can be frozen via push-buttons on the camera head.

E-flip & Mirror Image: Facility to change the direction of the image from left to right horizontally and from upward to downward vertically to get the view of anatomy.

Optimized Preset Modes for Specialized Surgical Procedures: This camera features optimized 7 preset modes for a variety of specialized surgical procedures, including Laparoscopy, Gyne/Uro, Arthroscopy, Oto/Neuro, Laryngoscopy, Fiberscopy, Pediatric applications.

Multiple Output: It allows seamless connection to two monitors simultaneously, providing real-time visualization on each display with unparalleled detail and accuracy.

Technical Data:

Camera Head	: 1x1/3" CMOS immersible sensor
Aspect Ratio	: 16:9
Resolution	: 3840(H)×2160(V)
S/N	: 54 dB
Minimal subjective Sensitivity	: 0.5Lx
Coupler	: C – Mount with optional focusable couplers.
Head Keys	Four programmable camera buttons
Zoom	: 10X Digital Zoom
Camera Cable	: 3Mtr.
Video output	: 1 x HDMI 4K (3840 x 2160) 1 x DVI Full HD (1920 x 1080) 1 x SDI Full HD (1920 x 1080)
Screen Size	: 7" Touch screen
Weight	: 8 Kg
Class / Type	: Class A