

AED ENDOPRO 3D Endoscopic Visualization System

This revolutionary system offers an immersive real-time 3D visualization of surgical images, enhancing the precision and effectiveness of surgical procedures

Endoscopic Visualization System

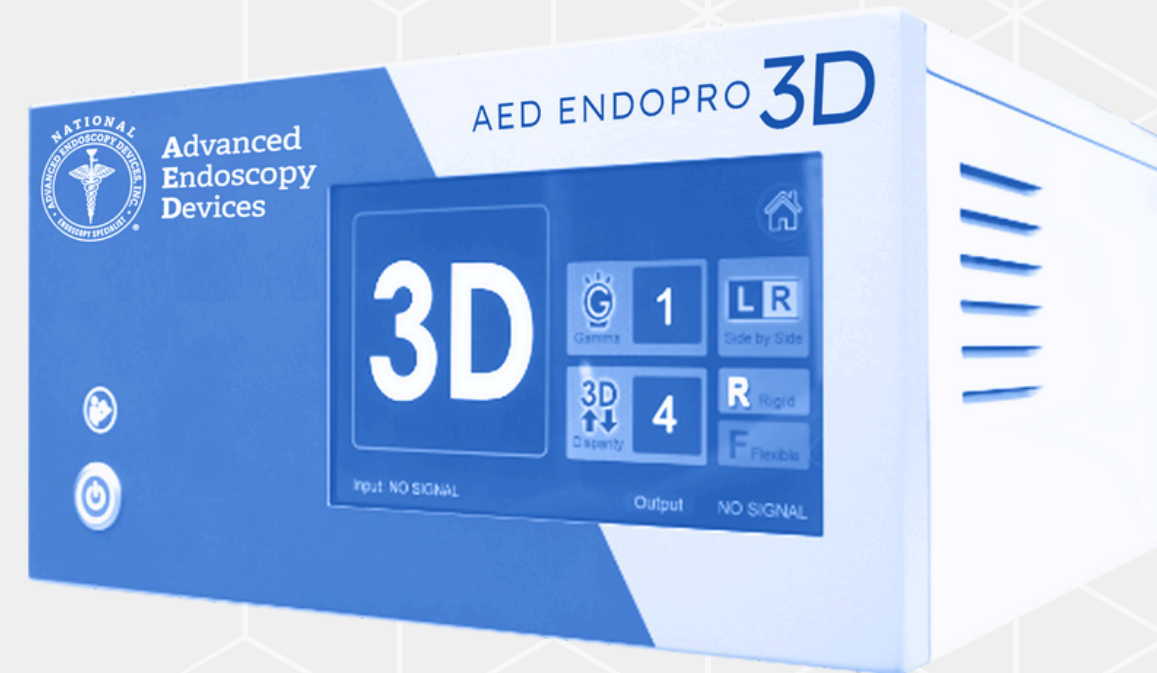
Transform your existing 2D endoscopic images into stunning 3D visuals.

Simply incorporate the AED ENDOPRO 3D system and 3D monitor to your current 2D endoscopic video system.

Compatible with the majority of 2D endoscopic video systems, you can easily enhance your setup without the need for a new 3D endoscopic video camera and 3D endoscope.

Surgeons still have the ability to rotate the scope and adjust the zoom in and out, without limiting their control during procedures.

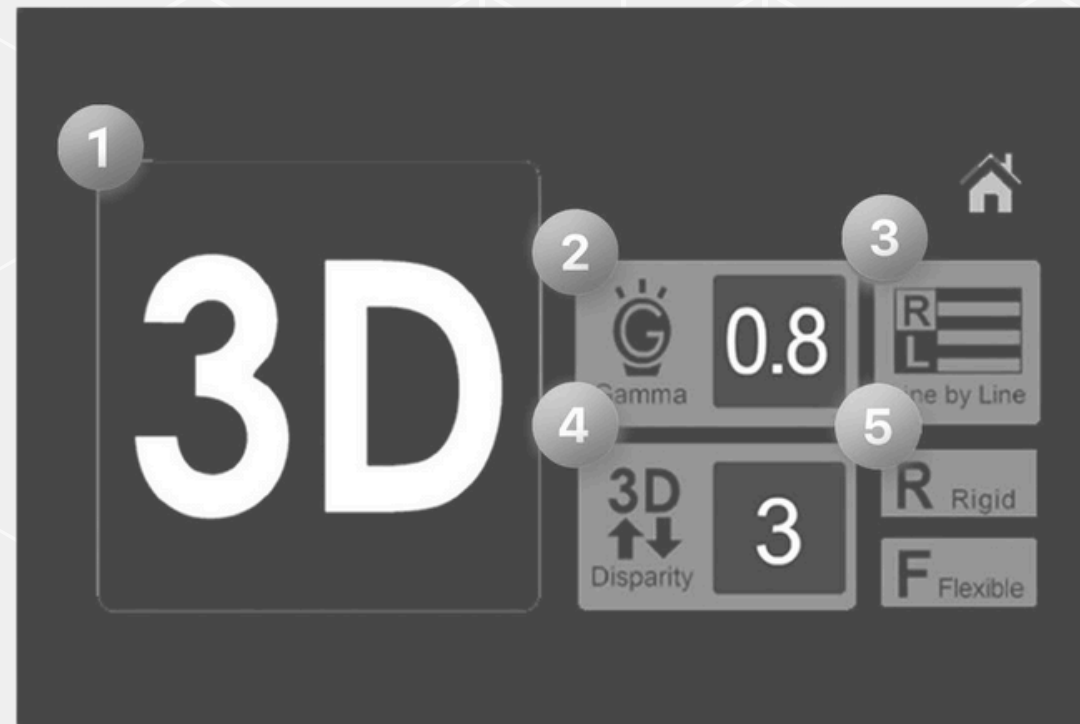
Elevate your imaging capabilities with this straightforward upgrade.



Advanced Endoscopy Devices, Inc.
Innovators In Endoscopic Imaging

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Evolutionary Features



Integrated Touch Screen

1). Easy Mode Switch

Transition seamlessly between 2D and 3D modes with a single touch

2). Gamma Adjustment

Enhance the contrast and brightness of the image for a more striking appearance. Lowering the gamma value significantly improves visibility in the shadowy regions, allowing for greater detail to emerge

3). Display Format

Choose the format that is most compatible with your 3D monitor from line/line (interlaced), side/side, or top/bottom

4). Adjustable Human Factor

Experience a more enjoyable 3D viewing experience by fine-tuning the 3D settings to your ideal disparity level whenever you feel discomfort or dizziness. This adjustment ensures that you can still enjoy clear and accurate images while enhancing your comfort

5). Rigid and Flexible Modes

Choose between rigid or flexible mode to achieve the best 3D vision customized for your specific scope and procedure

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3D Flexible Clinical Benefits:

- Helps physicians spot sessile polyps, flat adenoma, etc. more easily, and this boost early detection of lesions
- Speeds up the learning curve and helps result in better en-bloc resection for ESD/EMR
- Brings easier cannulation for ERCP

3 Levels of Disparity:

The AED ENDOPRO 3D Flexible offers 3 levels of disparity for physicians to choose the one they prefer.

MULTI APPLICATION:

- **NEUROSURGERY:** Endoscopic Skull-base surgery; Endoscopic Spine Surgery
- **OTOLARYNGOLOGY:** Sinus Surgery, Myringoplasty, Tympanoplasty, Congenital Ossicular Anomaly
- **GENERAL SURGERY:** Pediatrics Surgery, Laparoscopic Hernia Repair, Thyroidectomy
- **GASTROENTEROLOGY:** ESD, EMR, ERCP, POEM, ESG, Colonoscopy
- **UROLOGY:** Transurethral Endoscopic Surgery, HoLEP, URSL, RIRS

3D Rigid Clinical Benefits:

- Offers 3D solution for tiny scope, e.g. 1.5mm, 2.7mm, etc., as well as scopes of different angles.
- Increases the accuracy for suturing, vessel clamping, tissue separation and boosts the procedure safety.
- Reduces the operation time and blood loss during the procedure.

5 Levels of Disparity:

The AED ENDOPRO 3D Rigid offers 5 levels of disparity for physicians to choose the one they prefer.

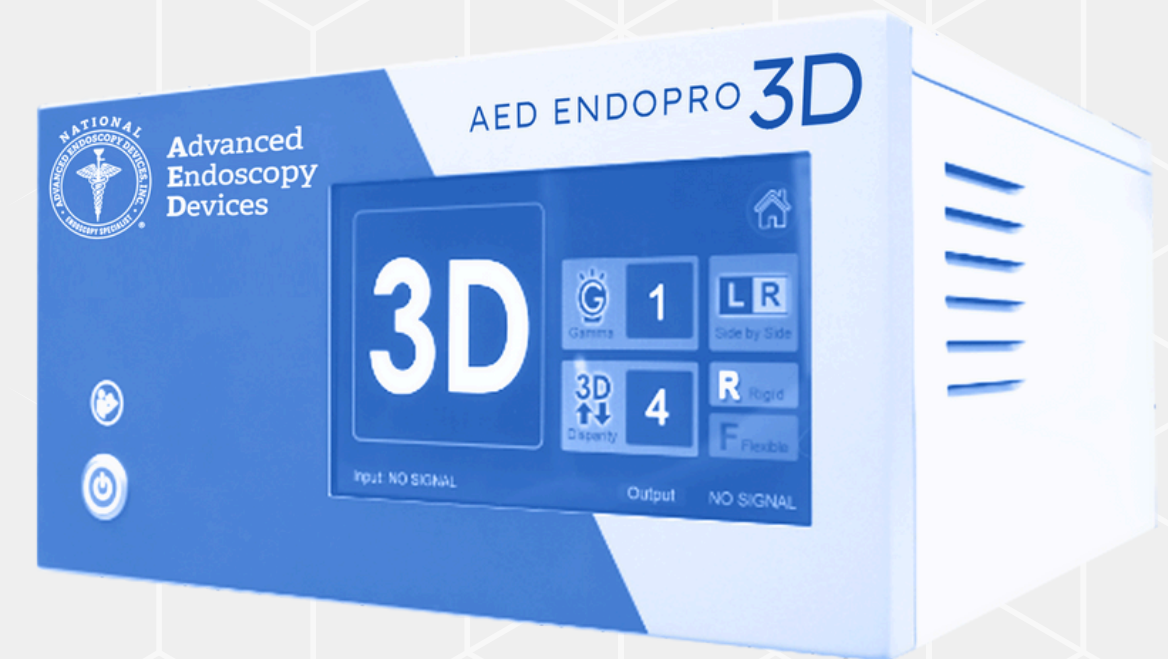


AED ENDOPRO 3D

Endoscopic Visualization System

Specifications

Type:	3D Visualization Unit
AC Input:	100~240v/10~5A,60~50 Hz
Dimensions:	(W) 305 x (H) 160 x (L) 320mm
Weight:	Approx. 8kg (Mass)(Main Unit)
Image Input Terminal:	HDMI terminal for video capture
Image Output Terminal:	DP terminal for display
Input Resolution:	up to 3840 x 2160 (1920 x 1080 Recommended)
Output Resolution:	1920 x 1080, 60 fps
3D Display Format:	Line/Line, Side/Side, Top/Bottom



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Specifications cont.

Operating Conditions:

Temperature: -20°C~45°C
Humidity: 5%~90%
Atmospheric pressure: 700~1060 hPa

Storage and Transport Conditions:

Temperature: -20°C~80°C
Humidity: 5%~90%
Atmospheric pressure: 700~1060 hPa

Cabinet Material:

Metal

Touch Panel:

Capacitive touch panel
7" 800 x 480

Contact:

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