



The **Olympus Evis Exera III CV-190** video system center provides video processing for advanced endoscopy. The system enables easy access to the range of features in the Evis Exera III endoscopes. The New and improved image processing delivers outstanding image quality, thanks to reduced noise and halation along with improved color contrast for optimal image quality.

Features

- NBI (Narrow Band Imaging) in Evis Exera III 190 Series scopes provides twice the viewable distance of Evis Exera II 180 Series scopes and offers significantly brighter images.
- CV-190 features the ability to switch the point of focus between 'near' and 'normal' with the push of a button.
- Newly designed, waterproof one-touch connector enables a one-step connection to the light source and does not require a separate scope cable for the video processor.
- The pre-freeze function selects the clearest still image automatically saving time.
- The CV-190 is compatible with EVIS 100/130/140/150 Series, EVIS EXERA 160 Series, EVIS EVERA II 180 Series, GI/BF/ VISERA Series scopes, and EVIS EXERA III 190 Series.



Specifications

Dimensions

Height: 3.6" (9.1 cm)

Width: 15" (38.2 cm)

Depth: 19.3" (48.9 cm)

Weight: 23.6 lbs (10.7 kg)

Power Supply

Voltage: 100-240 V AC (NTSC)/220-240 V AC (PAL); within $\pm 10\%$

Frequency: 50/60 Hz; within ± 1 Hz

Consumption Electric Power: 150 VA

Portable Memory

Media: MAJ-1925 (OLYMPUS)

Recording Format: TIFF: no compression; JPEG (1/5): approx. 1/5 compression; JPEG (1/10): approx. 1/10 compression

Number of Recorded Images: TIFF: approx. 227 images; JPEG (1/5): approx. 1024 images; JPEG (1/10): approx. 2048 images

Memory Backup

User settings: Up to 20 user settings can be registered.

Memorization of Selected Setting: The following settings are held in memory even after the video system center is turned off: Color tone; Iris mode; Enhancement; Color-enhancement mode; Contrast; AGC; Color mode; White balance

Lithium battery Life: 5 years

Documentation

Patient Data: The following data can be displayed on the monitor using the keyboard: Patient ID; Patient name; Sex; Age; Date of birth; Date of recording (time, stopwatch); Comments

Displaying the Record State: The recording state of the following ancillary equipment can be displayed on the monitor: Portable memory and internal buffer; DVR; Video printer; Image filing system

Displaying the image information: The following data can be displayed on the monitor: Structure-enhancement level; Edge-enhancement level; Zoom ratio; Color mode; Focus

Advance Registration of Patient Data: Data for up to 50 patients can be registered, such as: Patient ID; Patient name; Sex and age; Date of birth

