AMD-500 Camera & Illumination System

This multi-scope analog and digital camera system and light source produces superior quality images needed for accurate diagnosis. The AMD-500 camera system drives a wide variety of diagnostic medical devices, including ENT/otoscope, dermascope, ophthalmoscope, naso-pharyngoscope, laparoscope, and a variety of other rigid and flexible scopes.

This camera has easy one-touch white balance and flexible and rigid scope settings. This camera is delivered with optimal visual settings, but allows the user to increase the light and aperture setting to personal preferences.

Available in High Definition(HD) 1080 p or Standard Definition(SD) 720p.

Quality Imaging to Assist with Accurate Diagnosis

The AMD-500 delivers high resolution video. The Integrated Image Enhancement feature for both flexible and rigid scopes ensures truer color and crisp, clear, well-defined pathologies.

Superior Imaging

The AMD-500 uses a white LED light source to deliver a crisp, clear, uniform image from edge to edge. AMD's unique edge enhancement for sharper definition is a standard feature.

Superior Illumination

AMD-500 LED light source produces white light for true color. The advanced design projects light at a wider angle, producing consistent illumination across the monitor.

Accurate Color

One button white balance ensures accurate colors enabling diagnostic quality images.

Flexibility & Economy

The AMD-500 adapts to a wide range of rigid and flexible diagnostic scopes. This maximizes your flexibility as your program grows and matures. Contact your AMD representative for a full listing of AMD scope options.

Rugged Construction

The solid camera housing, reinforced cable and rugged system chassis guarantee long life under continuous use. The LED light has a long lifespan.

Integrated System

The camera and light source work together in a single unit, simplifying use and maximizing performance.

AMD
Global Telemedicine
The Future of Medicine...Now!

Rev 1.1

AMD-500 Camera & Illumination System

Specifications

Physical Dimension
- Width: 10.03" (255 mm)
- Depth: 8.93" (93 mm)
- Height: 3.64" (211 mm)
- Weight: 7.8lbs (124.8 oz)

Mains Adapter
- Input: 100V-240V AC; 1,22A-0,68A AC; 47/63 Hz
- Output: max. 60W; 11V-13V DC

Camera Controller
- Supply voltage: 12V DC
- Energy consumption: 24 W
- Isolation class: 1
- Fuse: 2,0 A(T); 5 x 20 mm
- Brightness control: automatically
- Outputs:
  - 1 x DVI-D (only for HD version)
  - 1 x S-Video (Y/C)
  - 1 x Video (Composite/CVBS)
  - 1 x USB 2.0
  - 1 x Remote
- Classification: Type BF according EN 60601-1

Camera Head
- TV System: offered in either PAL / NTSC
- Image sensor: ½" CCD

Storing and Transport
- Temperature: - 20 C to + 70 C
- Relative air humidity: 5 % to 95 %
- Air pressure: 70 kPa to 106 kPa

Operation
- Temperature: +15 C to +40 C

PC Minimum Requirements
- USB 2.0 interface
- CPU >2 GHz
- RAM >256 MB
- Windows 2000 (SP4 or higher) / Windows XP (SP1 or higher)