

Endoscopic video system

Endoscopic camera / Light Source / Endoscope / Medical monitor / Mobile cart



Video system set:

- > Endoscopic camera
 - » Full HD output
 - » Optical and digital ZOOM
- > Light source
 - » LED
 - » Xenon
- > Medical monitor
 - » Display size from 24" to 42"
- > Endoscopes / Optics
 - » Arthroscope, laparoscope, hysteroscope, ureteroscope, sinuscope, laryngoscope, otoscope
- > Mobile cart

Features:

- > High sensitivity single-chip endoscopic camera
- > Ergonomic, lightweight and waterproof camera head
- > Large screen, high quality TFT panel with LED backlight
- > Full HD (1920x1080) resolution
- > LED light source ensuring excellent true color rendering
- > Long life LED emitter (more than 50 000 hours of work)
- > Alternatively, a powerful Xenon light source with 300W lamp
- > High quality and stable mobile cart providing a wide range of configuration options

Technical overview

MEDICAL MONITOR

Display size: 24" – 42"

TFT screen with LED-backlight

Full HD (1920x1080 pixels) resolution

Connectivity: HDMI, DVI, SDI, VGA, RGB, S-Video, Video (BNC)

Wide viewing angle: 178°/ 178°

Several display functions: brightness adjustment, image size adjustment, image freeze, displaying two different images from two different sources (PIP), etc.

VESA mounting standard



ENDOSCOPIC CAMERA

1-CCD ultra high sensitivity sensor

Full HD output with 1920x1080p and 1920x1200 resolution

50/60 Hz frame rate

FREEZE function

2,5x digital zoom

PAL / NTSC video system

Automatic white balance (AWB)

On Screen Display menu (OSD)

Predefined settings for different types of endoscopic surgeries

Programmable control buttons on the camera head

Optical camera coupler with fixed or zoom focal length



LIGHT SOURCE AND LIGHT GUIDE CABLES

Daylight color temperature (very high Color Rendering Index)

Excellent true colors' projection

Availability of various light guide cable connector's types (STORZ, WOLF, OLYMPUS, etc.)

Smooth regulation of light intensity in the whole range of 1-100%

Ultra silent work

Economic usage due to low power consumption

Long life of LED emitter (min. 50 000 hours of work)

Memory of recent settings



ENDOSCOPES

Arthroscopes, laparoscopes, ureteroscopes, hysteroscopes, laryngoscopes, sinusscopes, otoscopes, bronchoscopes



MOBILE CART

Wide range of configuration options:

- » Height and width of the cart
- » Number of shelves
- » Number of drawers
- » Monitor mounting types: fixed or movable
- » Several additional accessories like camera holders, CO2 bottle mounts, fluid bags holders, etc.



ORIGINAL MANUFACTURER:
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