

UZMED

2022 ENDOSCOPIC IMAGING SYSTEMS



UZMED

Uzdikal Medical Device Imaging Systems San. ve Tic. Ltdi Sti is since 01.05.2020, carrying out application and R&D activities with the support of Kütahya Dumlupınar Design Technology Development.

HD-UHD-4K imaging systems produced by UZMED offer two models as cold light source LED single and four colors. Its specialized team provides production and after-sales support. All laparoscopic surgical instruments and consumables are available.



The certifications are as followed;  Certificate, Medical Device Sales License, Turkey Pharmaceuticals and Medical Devices Agency Product Tracking System (ÜTS) record. UZMED continues its R&D studies for all new devices with advanced technology that are needed.

ADVANTAGES



Ultra high resolution, high sensitivity color CMOS image sensor



Domestic fast technical support



High-definition video, picture capture and recording with the recording system



40 min. without mains voltage with power supply (UPS). uptime



Transfer of all pictures and videos via USB



LCD touch screen



Light intensity control with the remote control connected to the light source



Turkish cold light source menu



Online connection in HD quality by providing remote access via the Internet



Working time display



Drawer system for surgical instrument and camera head



Temperature control system



Long-lasting use thanks to efficient light and less heat generation with the cooler



UZ 101 CAMERA UNIT

	HD	4K
Specifications	1080P	4K
Output resolution	1920/1080p 50-60hz	3840/2160p 50-60hz
Screen resolution	27 inch 1920/1080p	32 inch 4K screen
Storage format	1920x1080p MP4 JPG	4K MP4 JPG
Other interface	USB 2.0	Start/NETWORK
Video output interface	VGA  SDI  CVBS  DVI-D  HDMI 	VGA  SDI  DVI-D  HDMI 



HD

- Precise native **HD** image
- Proprietary **handle** temperature control
- Proprietary **anti-interference** hardware
- Proprietary **image enhancement** algorithms
- **Low** video output delay (50-60Hz)
- **HD** resolution **video quality**
- It works in harmony with a modular imaging platform or camera control unit.
- The camera head has 1-chip CMOS technology.
- The camera head has a digital or optical zoom feature.
- All kinds of telescopes can be attached to the camera head or the lens attached to the camera head, regardless of the brand and model, and the sharpness can be adjusted by the ring or button on the camera head or the lens attached to the camera head or the button on the camera head.
- The camera head has IPX 7 specification.

4K

- Precise native **4K** image
- Proprietary **handle** temperature control
- Proprietary **anti-interference** hardware
- Proprietary **image enhancement** algorithms
- **Low** video output delay (50-60Hz)
- **HD** resolution **video quality**
- It works in harmony with a modular imaging platform or camera control unit.
- The camera head has 3-chip CMOS technology.
- The camera head has a digital or optical zoom feature.
- All kinds of telescopes can be attached to the camera head or the lens attached to the camera head, regardless of the brand and model, and the sharpness can be adjusted by the ring or button on the camera head or the lens attached to the camera head or the button on the camera head.
- The camera head has IPX 7 specification.



COLD LIGHT SOURCE (UZ-102)



Power supply : 100 ~ 250VAC 50/60Hz



10 levels of light intensity (0-100)
adjustable by touch screen or remote control



LED 300W



On-screen run time



LED lamp life: 30.000 hours



Automatic temperature control system
activated at high internal temperature
of the device



MONITORS

HD

- 19/21/24/27/32/40/50 inch options
- Glare protection glass
- 1.07 billion colors
- 1920/1080p
- 1000 (cd/m2)
- 14 (Typ.)(G to G) ms
- VESA100*100mm USB2.0
- / HDMI 1.4 / DVI / VGA / CVBS



4K

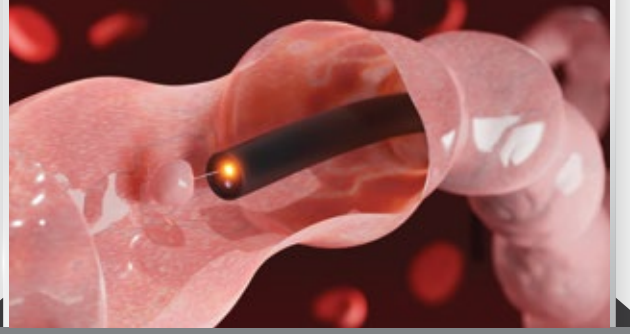
- 19/21/24/27/32/40/50 inch options
- Glare protection glass
- 1.07 billion colors
- 3840/2160p
- 1000 (cd/m2)
- 14 (Typ.)(G to G) ms
- HDMI 1.4 / DVI / VGA / CVBS



USAGE AREAS



Local Surgeries



Endoscopic Surgical Interventions



**Patients with Conceived Tumors
in ENT Examinations**



**Obstetrics and Gynecology
Examinations**



General Surgery Operations



Thoracic Surgery Operations



Urology Surgery



Brain Surgery Surgeries