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# URSEA CAMERA SYSTEM

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# 1. URSAE VISION - OVERVIEW

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**URSEA VISION** is a 5 in 1 integrated visualization platform containing 24” high definition medical grade monitor, full HD camera control unit, 1CMOS camera head unit, LED light source and a video recorder. **URSEA VISION** is used for laparoscopy, arthroscopy, gynecology, urology, ENT, etc..

## URSAE VISION system offers:

1. **Camera Controller with multi image functions**
2. **FULL HD 1 Chip CMOS Camera head**
3. **Build in LED light source**
4. **USB port for photo and video capturing**
5. **Portable System**
6. **Network Integration**
7. **Compact 24” medical grade monitor**
8. **Preset parameters for different modes**
9. **Universal Use**

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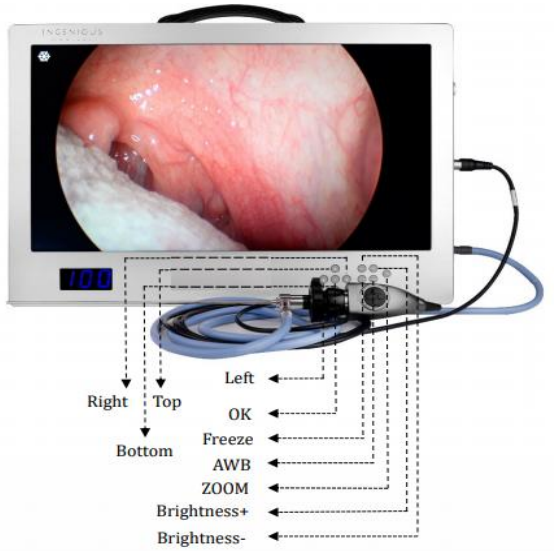
## CAMERA CONTROLLER WITH MULTI IMAGE FUNCTIONS

- Color enhancement
- Edge enhancement
- Automatic white balance/Brightness Calibration/Contrast Calibration
- Digital Noise reduction
- Freeze function




## FULL HD 1 CHIP CMOS CAMERA HEAD

- 1/3”  Sony CMOS technology
- Water proof camera head
- 4 Preprogramed Camera buttons
- FHD (1920 x 1080)

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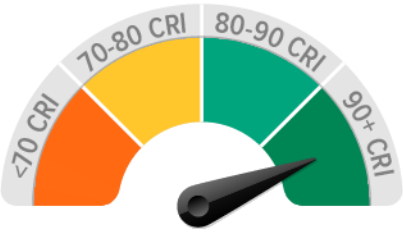
## BUILT IN LED LIGHT SOURCE

- High CRI value (CRI>90) that accurately reproduce the colors of the object it illuminates.



Color rendering index (**CRI**) is a quantitative measure of the ability of a light source to reveal the colors of various objects faithfully in comparison with an ideal or natural light source.

- The best color temperature (6000 K) that gives a daylight color appearance

Color temperature (**CT**) is a way to describe the light appearance provided by a light bulb. It is measured in degrees of Kelvin (K) on a scale from 1,000 to 10,000

## USB PORT FOR PHOTO & VIDEO CAPTURING

- Video Recording/Image capturing
- FULL HD resolution
- Compatible with any USB /External hard disk format

## PORTABLE SYSTEM

- Due to its compact design and to the offered system case the system is easily transported and relocated

## NETWORK INTEGRATION

- System could be connected to Doctor's phone, tablet and laptop for live transmission



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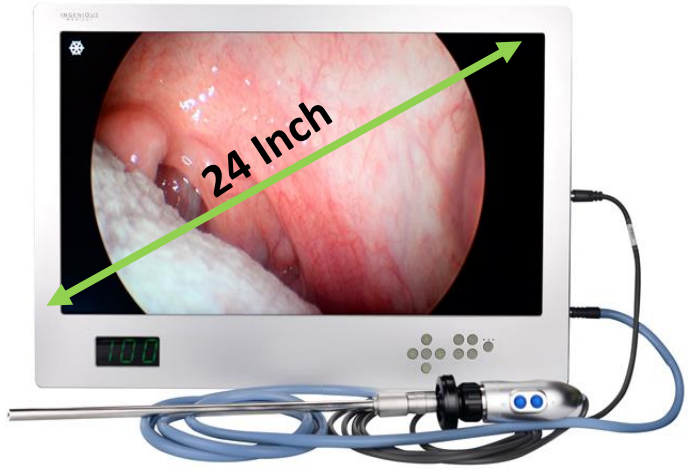
## Compact 24” medical grade monitor

- The system monitor size is 24”
- Full HD monitor (1920 x 1080)
- Full viewing Angle




## Preset parameters for different modes

**URSEA VISION** has preset parameters for 5 endoscopic modes including E.N.T, Laparoscopy, Urology, Gynecology and Orthopedics, etc…

**URSEA VISION** could be connected to fiberscope having an eye piece compatible to camera head unit.

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## UNIVERSAL USE

Due to its light weight and compact design **URSEA VISON** is suitable for universal use including:

1. Clinics
2. Doctors' offices
3. Emergency rooms
4. Intensive care units
5. Ambulance
6. Military field
7. Field hospital

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# 3. URSAE VISION – FRONT VIEW

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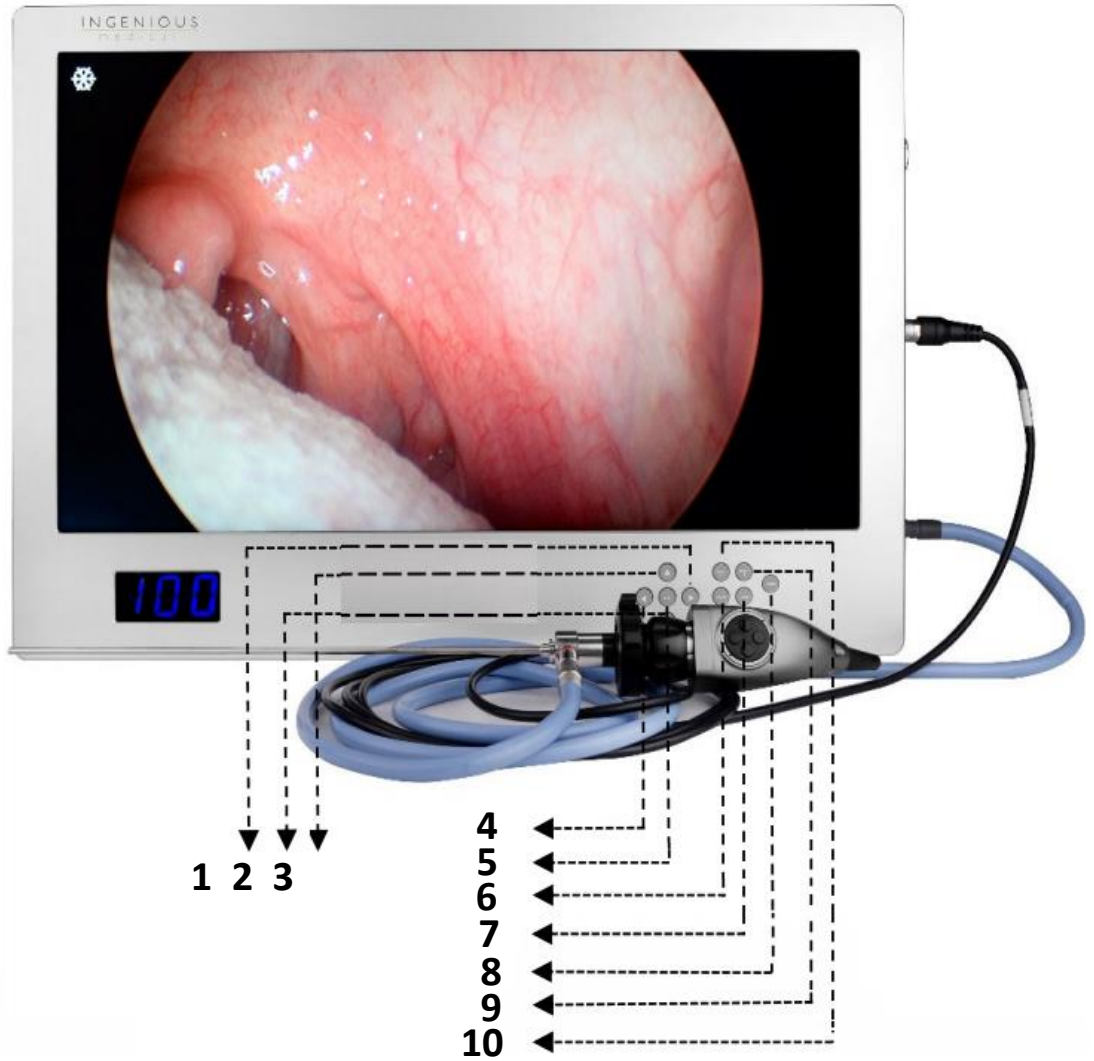
1. Right
2. Button
3. Top
4. Left
5. Ok
6. Freeze
7. AWB
8. Zoom
9. Brightness+
10. Brightness-



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# 4. URSAE VISION – RIGHT SIDE

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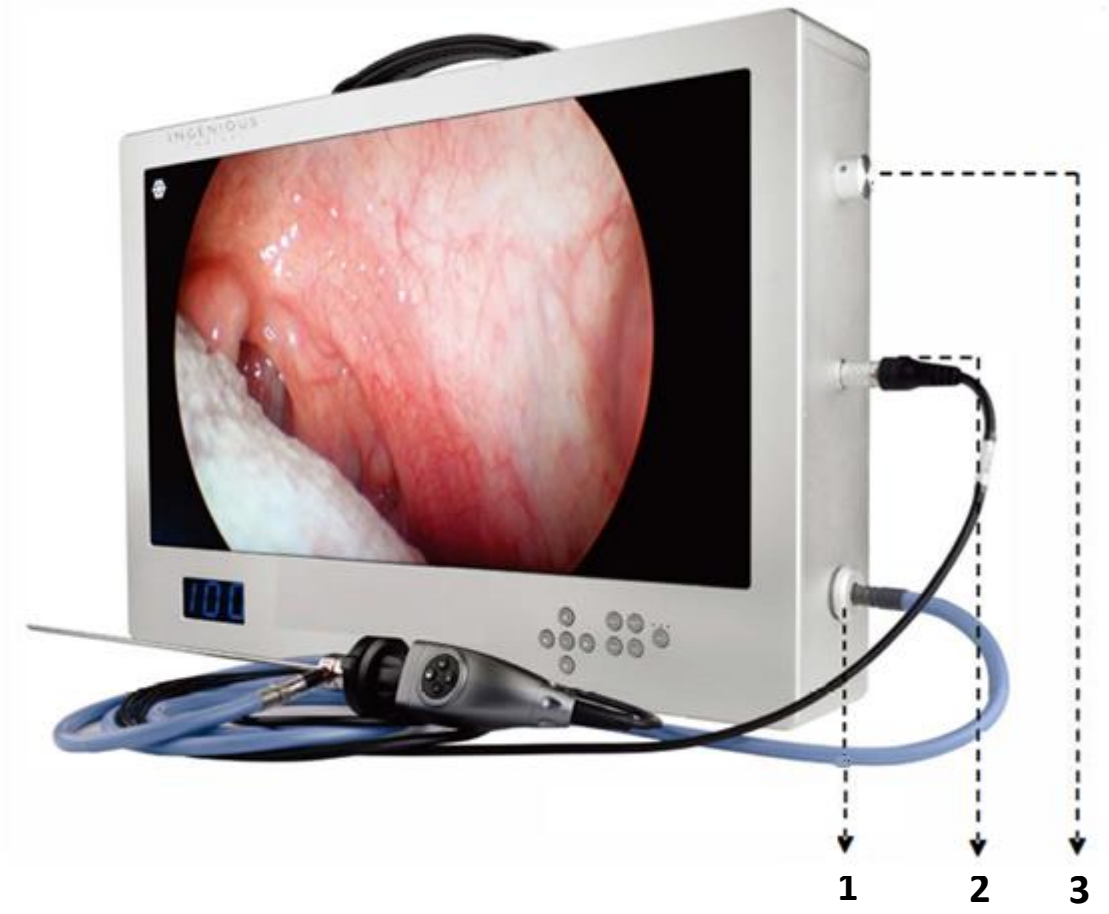
1. Fiber Optic Cable in
2. Camera in
3. LED Adjustment



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# 5. URSAE VISION – LEFT SIDE

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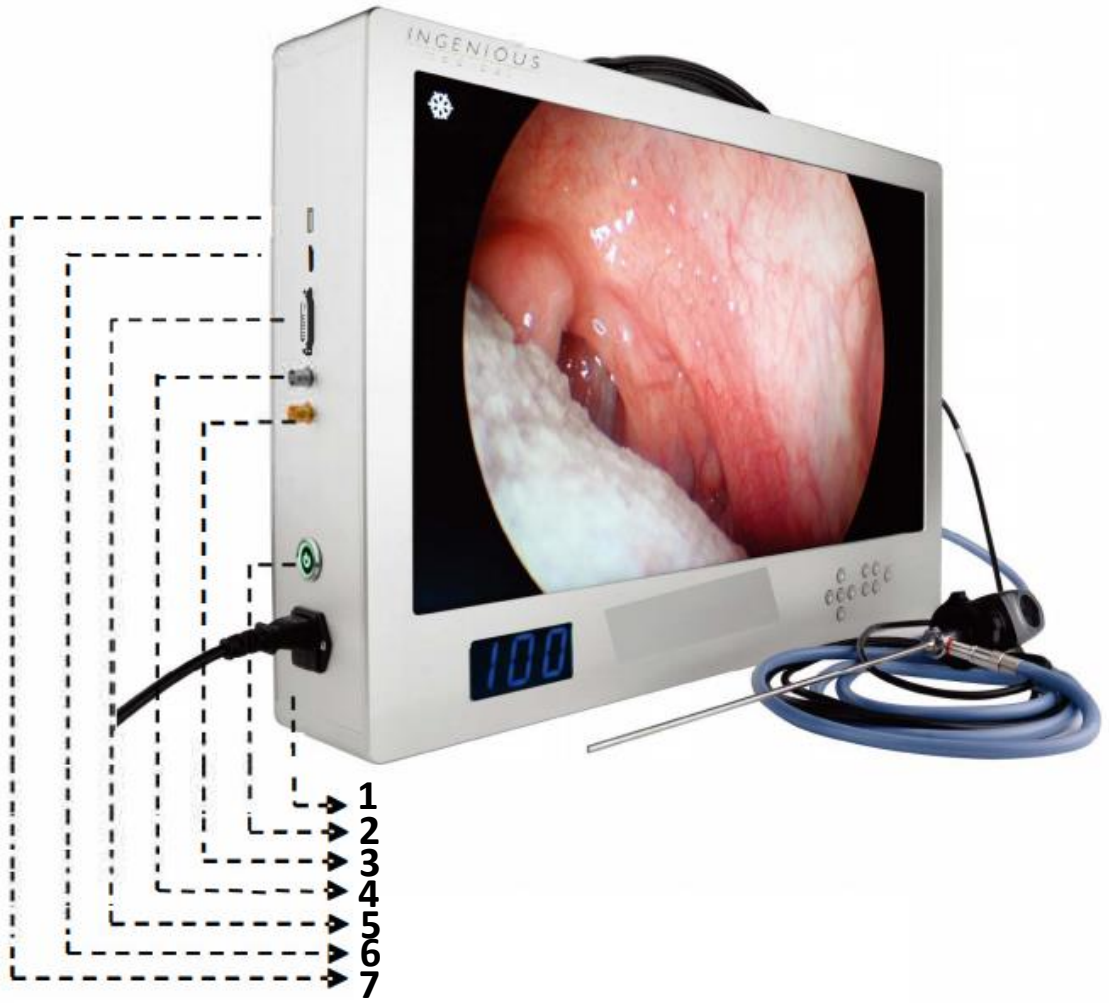
1. Power Connection Cord
2. Power On/Off
3. SDI Output
4. CVBS Output
5. DVI Output
6. HDMI Output
7. USB Port



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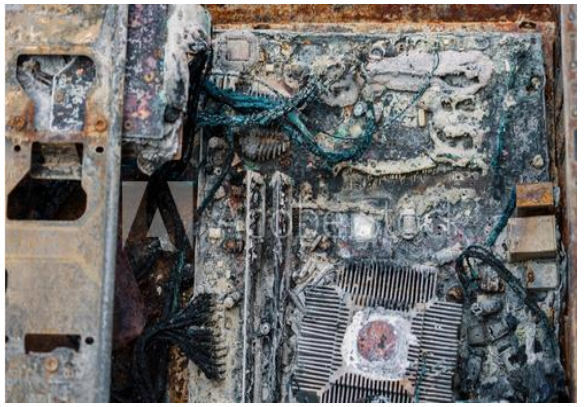
# 6. CLEANING METHOD

- Never place the system in an autoclave.

- The surface of the device could be cleaned and disinfected by soft cloth immersed in disinfectant or alcohol .



# 8. TAKE HOME MESSAGE – SPECTRA 4K IMAGING SYSTEM

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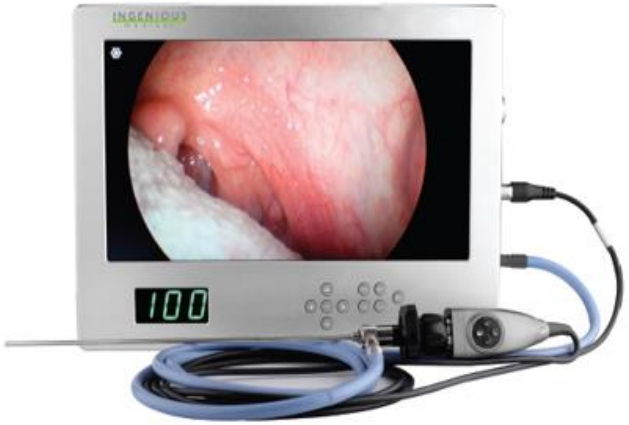
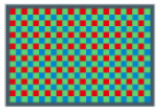
**NEW SENSORS TECHNOLOGY**
1 CHIP CMOS TECHNOLOGY

**PORTABLE**
16 KG FOR THE SYSTEM INCL ALL ACCESORIES

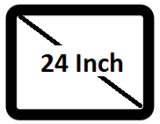
**HIGH COLOR INDEX**
CRI >90 / REAL COLOR DETECTION




**FHD IMAGING**
RESOLUTION = 1280 X 1080

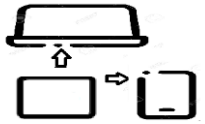


**LARGEST DISPLAY MONITOR**
24 INCH MONITOR




**PERFECT COLOR TEMPERATURE**
6000 KELVIN

**MULTIM CONNECTIVITY**
TO PHONE / LAPTOP



**PREPROGRAMABLE CAMERA HEAD BUTTONS**
CHU INCLUDE 4 PREPROGRAMED BUTTONS

**LONG LAMP LIFE**
LIFE TIME > 30,000 HRS

**BUILD IN RECORDER**
VIDEO & IMAGE CAPTURING VIA USB

**UNIVERSAL USE**
URSEA IS SUITABLE FOR MANY APPLICATIONS

OR

FIELD HOSPITAL

AMBULANCE

MILLITARY

CLINIC/Dr OFFICE

ICU



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# THANK YOU

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