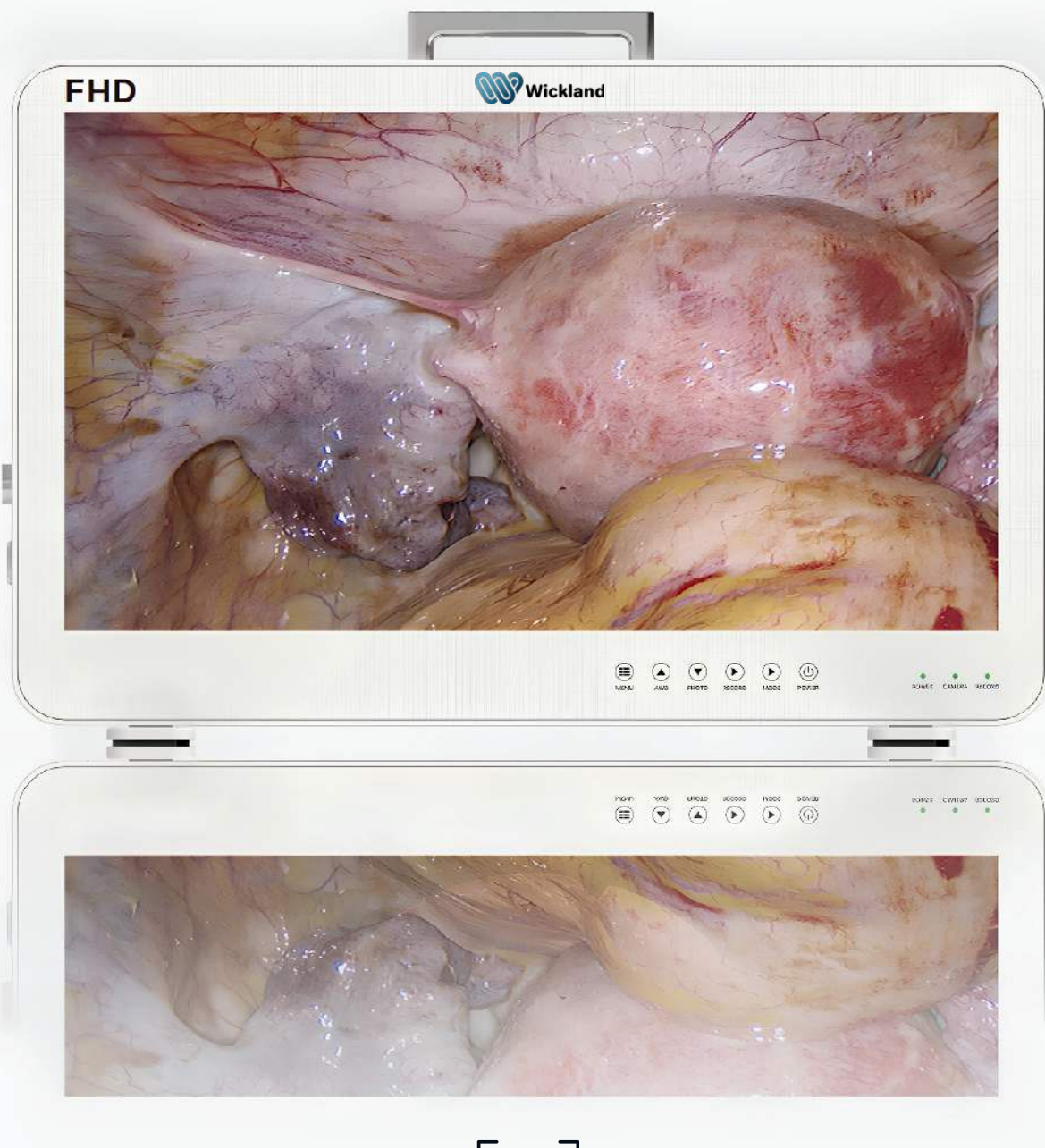


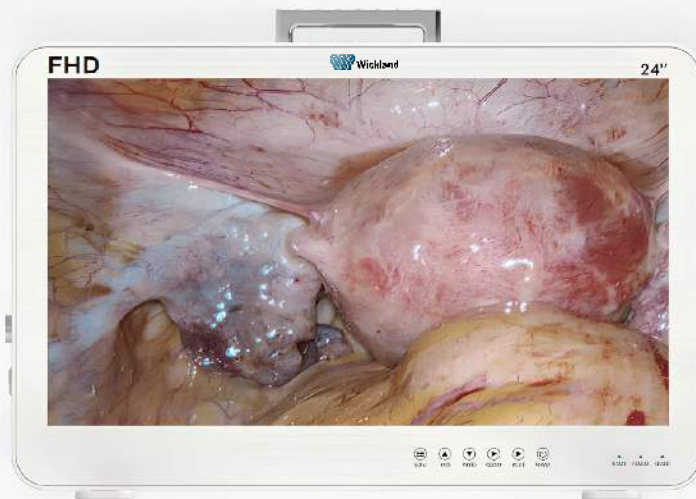
FHD

ENDOSCOPIC IMAGING SYSTEM



PT. Wickland Medika Imantara
Medical, Aesthetics & Laboratory Supplier
Jl. Palem Sememi Raya No 12 - 12A Kel. Sememi,
Kec. Benowo Surabaya 60198 | 031-33100412

Integrated Machine



► CF916 CF924 CF927

Product Features

1. Video resolution: 1920x1080 50/60fps
2. Latency ≤ 30 ms
3. Video Output : HDMI 1.4 *1 / DVI*1 / CVBS*1 / SDI*1
4. Video Input: USB2.0*1/HDMI INPT*1
5. Mpeg-4 (H.264 Codec)
6. Support HDMI LCD Touch Screen (Rs232)
7. Support customize: LOGO, Language, Menu . etc
8. User defined:Color,shortcut button , surgical scenes.
9. Technical Data of Light Source :
 - 9.1 LED consumption : 100W
 - 9.2 Color temperature : 5500k-7300k
 - 9.3 Luminous flux : 2000lm
 - 9.4 Best match optic fiber : 5mm,n>0.6
 - 9.5 Spectral range : 400nm-700nm
 - 9.6 Illuminance : 400nm-700nm
10. Size:15.6"(370*242*90), 24"(575*370*90),27"(655*420*90)
11. Weight: 4.8KG(15.6"), 9.8KG(24"), 11.8KG(27")

Camera Head



► TF601

Product Features

1. 1/1.8" SONY CMOS FULL HD Image Sensor
2. Zoom coupler, Stable clarity after focusing
3. All 4 buttons programmable
4. IP Rating : IpX8
5. Sterilization Method : Autoclavable
6. Adaptable to Stroboscopy
7. Built-in USB storage, Video& picture record
8. 4 in 1 type (together with light source, monitor, video recorder)
9. 8 surgical modes are optional

Various Sizes



Three sizes available, no external monitor required
Meet the demands of various surgical scenarios



Focus on Imaging



Original



Processed

Super Resolution

This patented technology utilizes deep learning acceleration algorithms to improve the clarity of imaging by 2-3 times (angular resolution) for small aperture optical lens, making it easier for surgeons to distinguish blood vessels, nerves, and membranes.



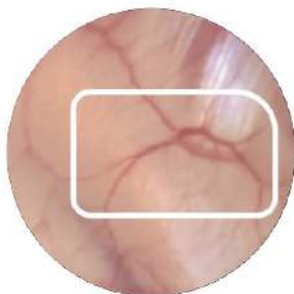
Original



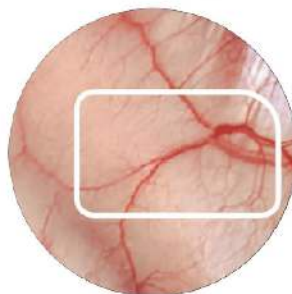
Processed

WDR (Wide Dynamic Range)

WDR technology can achieve dynamic management of surgical image brightness, by brightening the dark areas and suppressing overexposure, making the brightness of the surgical scene image moderate, allowing clear presentation of details both in distant and close-up views.



Original



Processed

Vascular Enhancement

According to the absorption characteristics of blood vessels in the spectrum, CAMJOY uses self-developed algorithms to enhance the visibility of blood vessels, making it easier for surgeons to observe and perform precise surgical operations.



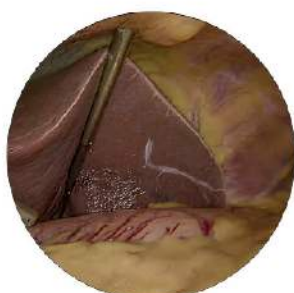
Original



Processed

Digital Desmoking

Using deep learning to accelerate real-time dynamic recognition of smoke in images, accurately analyze and process smoke signals, helps to reduce interference during surgery and ensures accurate observation.



Original



Processed

Electronic Staining

Using the principle of spectral filtering, tissue color differences are enhanced through electronic staining, making it easier to identify different tissues and assist in diagnosing the location of lesions.