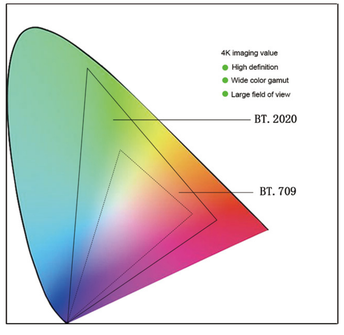
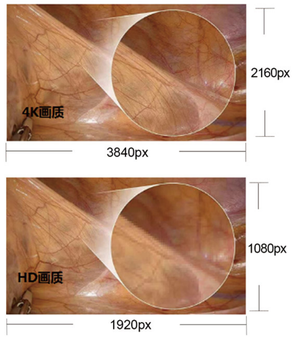
Precise surgical navigation system

- 4K UHD Imaging
- Super Strong Redution
- High Precision
- Dual System
- Ultra-Sensitive

Camera parameters:

- Size of CMOS: 4×1/2.8 "
- Resolution: 3840（H）×2160(V)
- Definition: 9,000,000 pixels
- Minimal illumination: 0.5Lux
- Video output : HDMI2.0, SDI (4K Ultra HD output) DVI, USB3.0
- Camera cable:2.8m/Length customized
- Power supply: AC85~264VAC
- SNR： 50dB
- Scanning system : Line by line scanning
- Store internal hard disk or USB storage
- Language: Chinese, English, Russian, Japanese and Spanish can be switched





Scope of application: Thoracic surgery,hepatobiliary surgery, gynecology, urology,gastrointestinal surgery.



Medical 4K monitor

Adopted the world's leading imaging data arrangement to ensure the accurate separation of the three original colours of light

Horizontal resolution up to 2160 lines, fine display of the fine blood vessels,fine nerves, fascia level in surgery

Medical imported LCD screen, a variety of colour adjustment modes

Model	HD-2110W	HD-2410W	HD-2710W	HD-3210W	HD-4310W	HD-5510W
Screen Size	21-inch	24-inch	27-inch	32-inch	43-inch	55-inch
Resolution	1920×1080	1920×1080/3840×2160	1920×1080/3840×2160	3840×2160	3840×2160	3840×2160
Aspect Ratio	16:9					
Power	12V		24V	85 ~ 264VAC 50/60Hz		
Colour Tone	16.7m					
Brightness	450cd/m²	750cd/m²	1100cd/m²			
Viewing Angle	178H/178V					
Boot Speed	1ms					
Interface	USB,HDMI,DVI,VGA,AV×3,Aud×2			HDMI×3,DP,Aud	HDMI×2,DVI,VGA,BNC×2, USB,Input×2,Output×2,LAN	

4K Fluorescent fusion light source

- Ultra-high brightness LED cold light source
- Color temperature: approximately 6000K;
- Extra-long service life with a usage time of ≥30,000 hours;
- Color Rendering Index (CRI) ≥90, ensuring that illuminated tissues appear closer to their true colors;
- Manually adjustable light intensity with ≥10 dimmable levels;
- Cold white color temperature combined with a fluorescent wavelength of 780nm, minimizing fatigue even after long-term use;
- Excellent heat dissipation and silent operation performance;
- Universal light guide interface compatible with the brand’s own light guides and those from other brands;
- Power consumption ≤100W, offering greater energy efficiency and environmental friendliness.

