

Medical Full HD endoscope camera



Functions and advantages:

- 1.Intelligent digital full HD 1000lines HD-1080P, Effective pixels is 1920(H)*1080(V).
- 2.Full intelligent automatic white balance with one click(White balance and freeze buttons on the camera head)
- 3 Solving electromagnetic interference of energy platform during operation (such as ultrasonic knife, plasma knife, electrosurgical unit, etc.)
- 4.Camera head waterproof: IP8X, to prevent water from entering the camera head during the surgery.
- 5.Extinction speed is less than 0.2s, which can solve the operation delay of surgical images and reduce visual fatigue.

Technical parameters:

Specifications	Parameters
Image Sensor	1/2.8 CMOS
Effective pixels	1920(H)*1080(V)
Scan mode	Progressive scan
Horizontal resoution	1000TVL (1080P)
Focusing range	≥(2~200)mm
SNR	≥50dB
Brightness	ODS adjustable
White balance	Auto/ manual
Min lumination	F1.2 ≤ 0.5Lux
Certification	CE , ISO9001,ISO13485
Video output	HDMI*4, SDI*1, BNC*1 VGA*1



LED medical cold light source

- ✓ Imported key component: adopted imported medical LED, strong stability, good anti-seismic property.
- ✓ Long service life: working time more than 20,000~40,000 hours, minimizing the need to replace the bulb, cost saving.
- ✓ Colour temperature purity: natural light 6500k.
- ✓ High brightness: 490,000Lux, great transparency, excellent color rendering, great three-dimensional sense of the surgery.
- ✓ Good compatibility: international standard light guide cable, to connect with most of brands, like Storz, Olympus, Wolf etc.

Technical parameters :

Specifications	Parameters
Input power	80VA
Power supply	AC100-240V 50/60Hz
Light source	Led light
Effective optical power	≥100mW
Brightness(Lux)	≥490000lx
Color temperature	≥6500K
Noise	≤55dB(A)
Surface temperatures	≤60°C
Flat thermal of light source	≤80°C
Working environment	5°C ~ 40°C
Atmospheric pressure	860hPa ~1060hPa
Machine power	80VA
Host fuse	T2AL 250V AC
Light power	≥100mW
Light out	Diameter (10±0.10)mm



Light guide cable



Irrigation Pump



- Used in orthopaedics , Gynecology and Urology systems
- Sterile tubing sets with sensor , a peristaltic pump , with two channels
- Emulsion tube and shim are replaceable (5pce , L:approx.16cm)
- High sensitivity pressure sensor

Function Characteristic:

Use roller pump to get large flow , irrigation tube can be autoclavable sterilization to avoid secondary pollution.

Pressure is adjustable on request and real time monitored.

Technical Parameters:

Supply voltage : ~220V 50HZ

Power : 150VA

Range of press : 15~400mmHg(2~53.3kPa)

Range of flw : 0.1~1.0L/min

Noise : ≤70dB

