

GW605

Portable HD endoscopy unit

- Adopt 3CCD technique, 1080 video output HD, good stereoscopic.
- Multi-output: HDMI*2, SDI, CVBS, VGA, USB
- Application: Laparoscopy, Gynecology, Urology, ENT. Orthopedics, etc.
- Medical Endoscope Full HD Camera & Medical Monitor & HD Recorder & LED Light Source



Detailed parameter as following table:

Medical Monitor			
LCD screen	17"		
Color	10.7 billion		
Aspect Ration	5:4		
HD Recorder			
Specifications	Parameters	External U flash disk	Max 64G
Recording format	MP4	External mobile HDD	Max 2T
Recording quality	MAX 18Mbs @1080P 30Fps	Recorder interface	Support USB disk & removable hard disk

Minimally Invasive surgery overall Solution



Endoscope Full HD Camera				
Image device	1/1.8 CMOS		SNR	≥50dB
SY	PAL		Brightness	ODS Adjustable
Total Pixels	N:2010(H) *1108(V)	P:2010(H) *1118(V)	Backlight processing	Wide dynamic(rank adjustable) /backlight compensation/ strong inhibition
Effective Pixels	N:1920(H) *1080(V)	P:1920(H) *1080(V)	Synchronous syetem	Internal Synchronization
Scanning system	2:1 progressive		White balance	Auto/MANUA
Scan frequency	N:60HZ P:60HZ		Acutance &saturation	Turn om/off grade adjustable
Scanning mode	Progressive scanning		AG	Low/medium/high/ off grade adjustable
Horizontal Resolution	1100TVL		Minimum Illumination	F1.2≤0.11Lx
Electronic shutter	1/50(60)S-1/60,000s		Rollovers	on/off
OSD Control-Menu	Built in	external	DNR	3D VOX
LED Light Source				
Input power	80VA	Light output hole diameter	φ (10±0.10) mm	
Light source	LED	Working conditions	5°C ~ + 40°C	
Brightness	≥1,200,000Lux	Storage conditions	-40°C ~ + 55°C	
Color temperature	≥6500k	Continuous working hours	>4h	