



UW-100

Wireless HD Camera System

**State-of-the-art image quality**  
**Realtime & robust video transmission**



# Wireless HD Camera System

As a surgical field camera system, UW-100 can record high-definition video of operation from the surgeon's view, avoiding the view obstruction of the other solutions such as shadowless lamp mounted or bedside camera systems. High quality video can be transmitted wirelessly for further usages including but not limited to education, academic exchange and medical archive.



Used with glasses



Used with headlight

## Typical Applications



Demonstration



Workshop



Consultant



Remote medicine



Academic exchange



Education and training



### Perfect Image Quality

With precise design and control of the overall imaging chain, UW-100 will capture every important detail and show you state-of-the-art HD video.



### Coaxial Vision

Shooting from the same view angle of the operational surgeon, provides the obstruction-free footage and the best deep cavity imaging in the industry.



### Wireless Transmission

Robust and lossless real-time HD video transmission technology lets you get rid of the shackles of the wired connection.



### Global Live Webcast

Through the NSE HD real-time broadcasting system, one can share the unprecedented high-quality video of his/her splendid operation with the surgeons around the world.



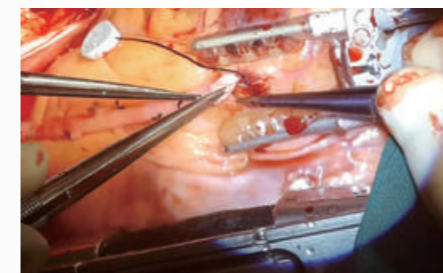
### Ultimate Lightweight

Micro camera weighs only 20g, can be used with glasses and various of headlights, headlight & loupes without any appreciable burden.

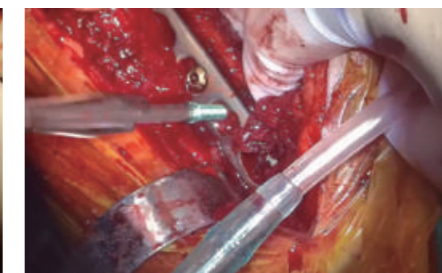
## Technical Parameters

Video Format	1920*1080@30fps
Operating Time	More than 3 hours, it will not interrupt the work during exchanging battery
Wireless Transmission Distance	Max. 30m
Video Output Interface	HDMI
Depth of Field	200mm
Working Distance	Adjustable
Field of View	40*75mm@200mm/145*260mm@600mm

## Surgery Examples



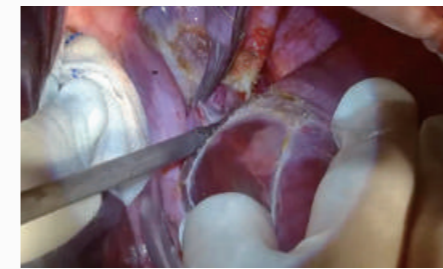
Cardiovascular



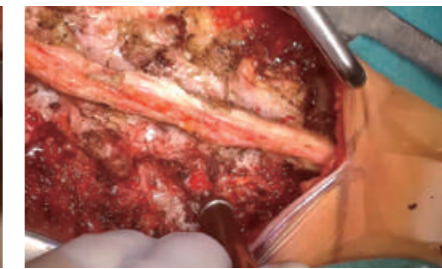
Orthopaedic



Head and Neck



Hepatobiliary



Spine



Plastic



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