



OT WEBLIVE



Record

Integrated HD recording feature gives you flexibility to record on USB drive. Simply plug your drive and record. Support for Microphone audio device for voice-over with surgeries.



View

“View Live HD transmission of surgeries locally or within network (LAN) along with display output to TV.



Webcast

Live webcast right from your Operation Theatre. Simply start your device and you are live. Showcase your surgeries in High Definition on your own Website www.YourWebsite.com or our servers.



Practical

- Connects to our gigabit servers for delivering live webcast to hundreds of viewers on laptop, desktop, tablets and mobile devices at fractional cost or flexibility to connect to your own or third party streaming servers.
- Intelligent bandwidth detection and auto adjust of resolution
- Easy to use, Complete plug and play. One time setup.
- Smooth video experience, No buffering. Multiple resolution support to enhance user experience



OT WEBLIVE

OT WEBLIVE - One way HD Broadcast

Internet
Watchwiz Servers/Your
Streaming Server



Live 1-way Webcast
of surgeries

LAN within
Campus/ Hospital



Operation Theatre

OT WEBLIVE for:

- Live HD Broadcasts
- Medical Conferences
- Live Workshops
- Live CMEs
- Medical Education
- Digital OT setup

LOCAL:

- Local high definition display on TV through HDMI
- Record surgeries locally on USB pen drive or USB HDD
- Support for Wireless Mic during live webcast

LAN:

- Within LAN up to 5 viewers can view surgeries in HD quality simultaneously
- No internet required
- View surgeries on Mobile over WiFi of your own hospital

INTERNET:

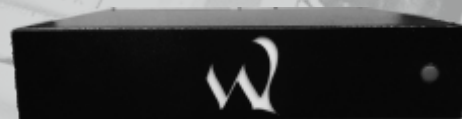
- Live webcast to hundreds of viewers
- Support for Multiple resolutions Low, Medium & high as per viewer bandwidth
- Zero buffering in live stream
- Desktop Tablet & Mobile Compatible

Live Broadcast Services on Internet

- Live webcast for hundreds of online viewer devices using WTPL CDN Servers
- Compatible to Windows, Mac, Linux, Android and Smartphone devices
- Live Transmission –HD with Video Encoder & Media Recorder
- Multi-bitrate support
- Multiple broadcast resolution support based on viewer bandwidth
- Complete Technical setup of live webcast including server resources, online integration and back-office support

Optional add-ons (at extra cost)

- Newsletter facility for up to 20,000 doctors
- Payment gateway integration for paid broadcast
- Multi-input switcher for switching between multiple video inputs



TECHNICAL SPECIFICATIONS

Live Broadcast Specifications

VIDEO Processing

Video compression: H.264/AVC High Profile Level 4.0

Video inputs: HDMI(support HDCP protocol)

HDMI main stream resolution:

1920x1080,1680x1056,1280x720,1024x576,850x480,720x576,720x540,720x480, 720x404, 704x576, 640x480, 640x360, auto

Bit-rate:256kbps~12Mbps, CBR/VBR

Video pre-processing: Noise reduction, Sharpen, Filtering

AUDIO Processing

Audio compression: AAC, Mp3

Sampling rate: Adaptive, selectable of re sample.

Sampling accuracy: 24-bit

Bit Rate: 48000, 64000, 96000, 128000, 160000, 192000, 256000

Re-sample:32000,44100

Configuration Interface: Application-based

Upgraded: via network

Transport protocol: TS over IP output, RTSP/HTTP/UDP or RTMP protocol for HDMI to IP output

Configuration Interface: Application-based

Recording Specifications

Video Input

Digital: HDMI

Audio Input

Analog: 3.5mm MicroPhone In – for Live

Broadcast only

Note: Microphone without pass through

for HDMI input

Video Output

Digital: HDMI (Pass-through from HDMI)

Codec

Hardware MPEG4 encoder

User Interface

Remote Control based

Storage Media

USB Flash Disk, Portable Hard Disk

Max Capacity: USB / 2T

Note: The exFAT format is not supported.

Resolution

720 x 480 (60p), 720 x 576 (50p), 1280 x 720p (50p), 1280 x 720p(60p), 1920 x 1080 (50i), 1920 x 1080 (60i), 1920 x 1080 (24p), 1920 x 1080 (25p),1920 x 1080 (30p), 1920 x 1080 (50p), 1920 x 1080 (60p)

Note: Upscaling is not supported.

Record Format

Video: MP4, Audio: AAC Stereo

Record Quality

Max: 18Mbps@1080P 30fps

Record File

Max: 2GB / Per File



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