



WatchWitz Technologies Pvt Ltd

We Design Octaves of Technology

Virtual Classroom systems / networks
Professional Broadcasting services
Cloud / CDN / Dedicated Media Servers

Live Medical events / live surgeries
Live music events / corporate events



WATCHWITZ BLAZON



WATCHWITZ- BLAZON



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Address: 27, Central Bazaar Road, navprabhat Chambers Ramdaspath Nagpur, Maharashtra, India, 440010

Phone: +91-712-6640999 || Fax: +91-712-6640917 || Email: Support@watchwitz.com

www.watchwitz.com | www.appgump.com | www.blazonworld.com



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*images for illustration purpose only

WATCHWITZ BLAZON 101

> Live Broadcasting Solution

WATCHWITZ BLAZON 102

> Live Broadcasting Solution with Professional quality Audio setup

WATCHWITZ BLAZON 103

> Live Broadcasting Solution with HD quality Audio-Video setup

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WatchWitz Blazon Specifications

WatchWitz BLAZON 103 Integrated Main Camera

Lens: Carl Zeiss, Zoom lens
Optical Zoom: 10x, f = 5.4 to 54 mm, filter diameter: 37 mm
Focal length (equivalent to 35mm film):
16:9 video mode: 40 to 400mm (equivalent to 35mm film) 4:3
video mode: 49 to 490mm (equivalent to 35mm film) 16:9
photo mode: 40 to 400mm (equivalent to 35mm film) 4:3 photo
mode: 37 to 370mm

- Component video output: RCA Pin x3
- Composite video output: RCA Pin x1
- S Video output: Mini-DIN 4-pin x1
- Digital video output: HDMI connector
- HDV/DV input/output: i.LINK interface (IEEE 1394, 4-pin connector)

WatchWitz BLAZON 101 / 102 / 103 Video Capture device

Input:

Digital: HDMI 1.3
Analog: Component (YPbPr support 1080i / 720p) /
Composite / S-Video / Audio (L/R)

Input Video Resolution:

Composite & S-Video:
720x480@60i, 720x576@50i

Component:

720x480@60i/60p / 720x576@50i/50p / 1280x720@50p/60p /
1920x1080@50i/60i

HDMI:

640x480@60/72/75/85 / 720x480@60i/60p / 720x576@50i/50p
/ 800x600@56/60/72/75/85 / 1024x768@60/70/75/85 /
1152x864@75 / 1280x720@50p/60p / 1280x768@60 /
1280x800@60 / 1280x960@60 / 1360x768@60 /
1280x1024@50 / 1440x900@50 / 1600x1200@30 /
1680x1050@35 / 1920x1080@50i/60i / 1920x1080@24/25/30

WatchWitz BLAZON User Interface

User-friendly graphical interface
Touch screen compatible

WatchWitz BLAZON 102 / 103 Audio Features

Full-duplex audio
Instant Echo Cancellation
Automatic Gain Control (AGC)
Automatic Noise Suppression (ANS)
Audio mixer
Built-in Amplifier
Independent LED indicator for WatchWitz microphone
Microphone and input audio

WatchWitz BLAZON 102 / 103 Wireless Microphone

- Unidirectional wireless microphone
- Reduces transmission of surround noise
- On-Off button
- Light-weight

WatchWitz BLAZON 102 / 103 Wireless Receiver

- VHF Band frequency Quartz Lock Control.
- Wireless Mic
- Frequency Range 180-270MHz.
- Single Channel Receiver.
- Output: Balanced XLR / Unbalanced 6.35mm phone jack
- freq. response : 50Hz -50KHz
- Power : 15 volt 800 milliamp
- telescopic antenna
- max working range: 100m (under ideal conditions) actual range depends on RF signal absorption reflection & interference
- RF output : 10mW (max)
- Battery : alkaline type

WatchWitz BLAZON 102 / 103 Integrated Speaker, Amplifier and Wireless Receiver

- Max 200 Watts RMS @ 2 OHMS or 50 RMS @ 4 OHMS speakers arranged for best performance
- Wireless receiver with frequency range 224 MHz to 297 MHz
- Wireless receiver range: 30 meters minimum
- Amplifier: 600 Watts RMS with 4 channel non interlaced input
- Speakers On/Off
- Built-in adjustable level
- Master volume control. User-tuned treble and bass controls



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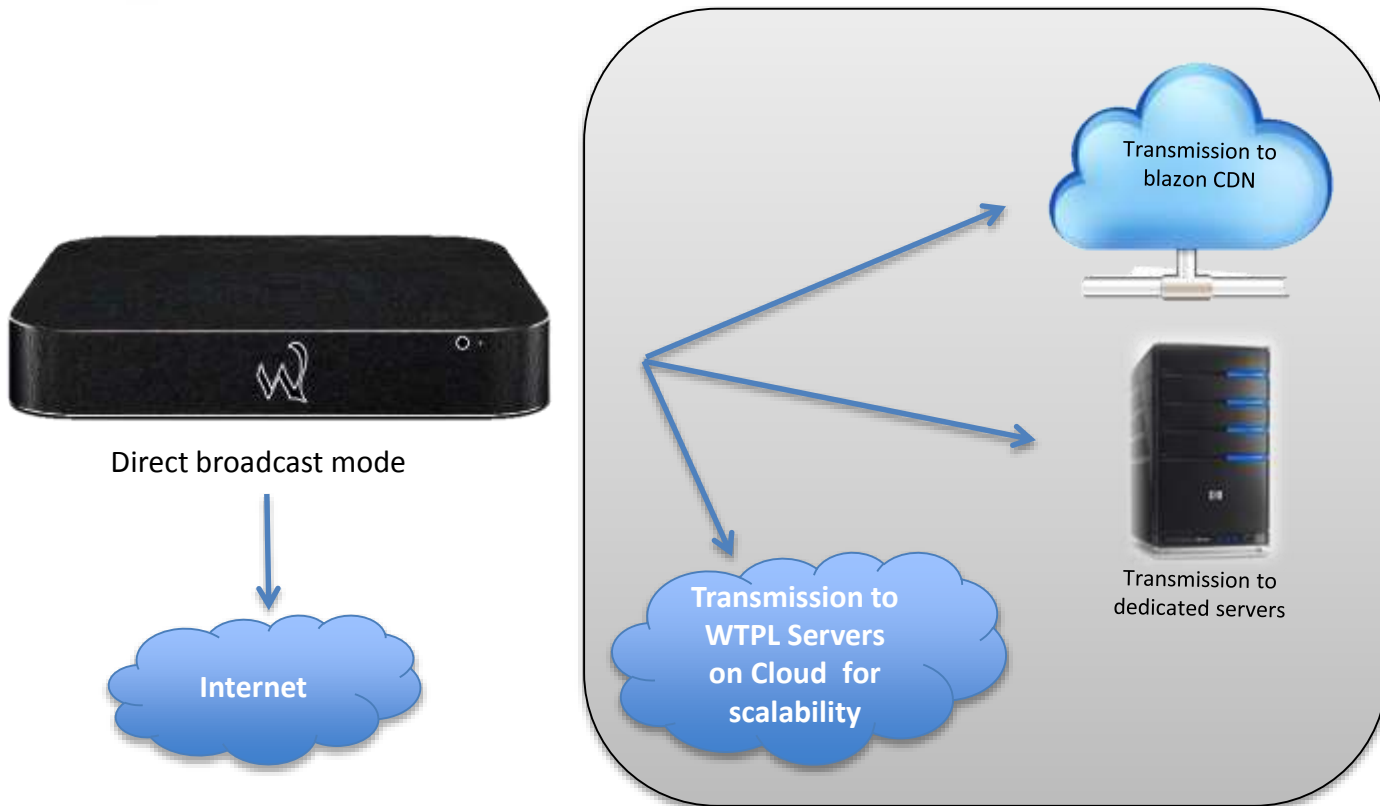
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Multiple Transcoding / Broadcasting Options



Watchwitz Blazon supports multiple transcoding modes:

- 1) Live streaming to multiple servers - which gives a power to use more than single CDN, Cloud or dedicated server network at the same time.
- 2) Transcoding to multiple resolutions at local level - This ensures minimum delay and live broadcast in all viewer locations as well as optimum usage of available resources.
- 3) Transcoding on Server - This ensures multiple resolution on different bandwidth available at viewer locations
- 4) Direct Broadcast mode – if you have good bandwidth and static IP you can use Watchwitz BLAZON for direct broadcast on internet without being dependent on any service provider or server resources



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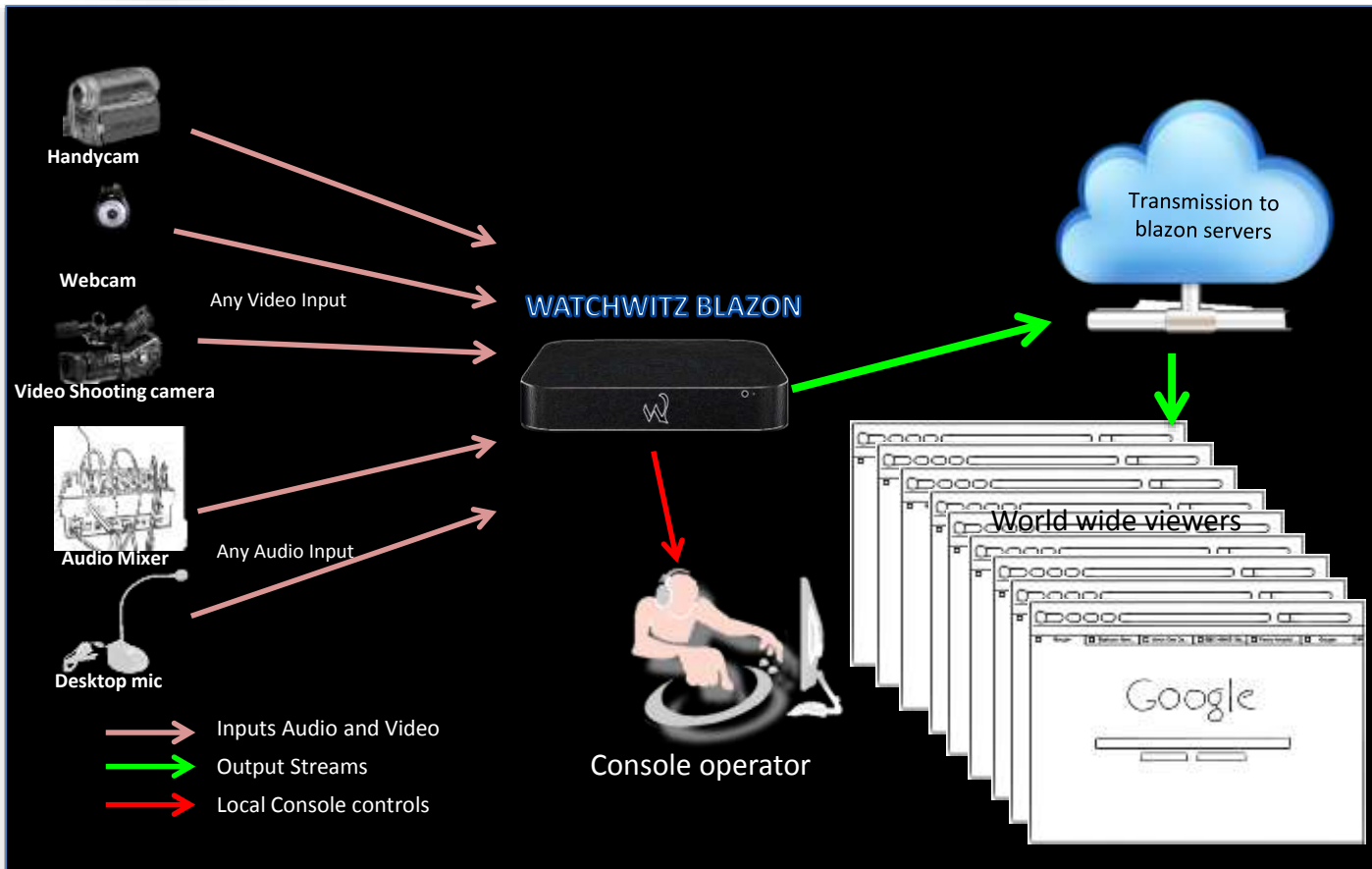
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Support of Multiple Audio/Video input types



Watchwiz Blazon supports variety of audio-video inputs ranging from high quality professional devices including:

- HDMI
- YPbPr
- Composite
- S-Video
- Audio-Video Mixers & Professional Cameras
- USB Audio/Video Devices & Webcams



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Enhanced Viewer experience



Watchwitz Blazon supports enhanced user experience:

- Customized viewer page
- Support for Password protected and open broadcasts
- Space for Sponsor and advertisements
- Co-branding of your website / logo
- Customized greeting message to viewers



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