Blackmagic Web Presenter

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ON AIR
00:00:23:18

Live Stream

Platform	Server	Key
Facebook	Sydney	xVpGwI-u7g

Stream Standard	Quality	
1080p24	HyperDeck Medium	

Video Input

Input Standard	Colorimetry	SDI Ancillary Data
2160p24	BT.709	Present

+3
0
-3
-6
-10
-20
-30
-45

9.0
7.2
5.4
3.6
1.8
0

0%
20%
40%
60%
80%
100%

-5 -4 -3 -2 -1 0

-6 -5 -4 -3 -2 -1 0

Future. LONDON

ULTRA HD

ON AIR   MENU

OFF   SET

CALL   LOCK

54 Mb/s   00:00:23:18   OK

ON AIR

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Blackmagic Web Presenter HD

Blackmagic Web Presenter 4K

Blackmagic Web Presenter

Live stream from any 12G-SDI video source direct to YouTube, Facebook, Twitter and more!

Now you can live stream to the world! Blackmagic Web Presenter is a complete streaming solution that includes a professional hardware streaming engine for direct streaming via Ethernet to YouTube, Facebook, Twitter and more! It's just like a modern broadcast television transmitter for a new global streaming audience! Plus the built in USB connections work like a webcam, so you can connect a computer and use any streaming software, or even Skype or Zoom. For redundancy, you can stream to the internet via Ethernet or connect a 5G or 4G phone to use mobile data! Web Presenter also includes a technical monitoring output that includes video, audio meters, trend graphs and even SDI technical data!
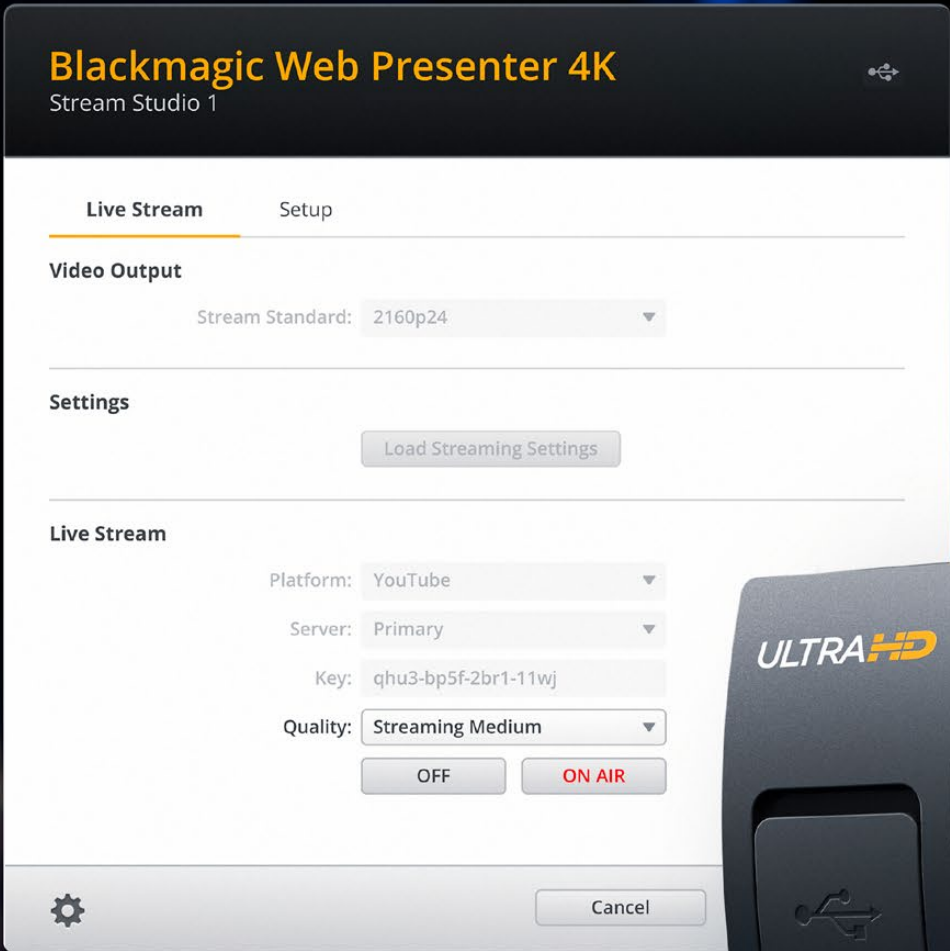
Live Stream to YouTube, Facebook and More!

Blackmagic Web Presenter supports the most popular streaming platforms. Plus the built in hardware streaming engine has been designed for live streaming at professional broadcast quality. That means you get a self contained solution for live streaming that works without dropped frames. You only need to connect it to the internet! Setup is easy, as the Web Presenter Utility software lets you select the streaming platform and update the streaming key. The utility works on Mac and Windows and connects directly via USB or remotely via Ethernet. If you're technically minded, you can even manually update the XML settings file to change specific settings or to add new streaming platforms.

YouTube is the most dominant live streaming platform globally and you can connect multiple web presenters to both the primary and secondary YouTube servers, allowing for full redundancy. Simply create your channel and Blackmagic Web Presenter will connect and live stream to YouTube's servers.

Facebook makes it easy to share live streams with friends and professional networks. This means as you start your live stream, the number of viewers can multiply dramatically as each viewer can share your show with others via their social networks. Viewer counts can keep growing as you live stream!

Twitter supports live streaming so you can create live content that you can broadcast across the globe. You can use Blackmagic Web Presenter as the source input for your Twitter video stream then tweet out the link to your audience and let them start watching.

With an audience of over 10 million daily viewers, **Twitch** is the world's leading streaming video platform and community for gamers. Blackmagic Web Presenter lets you stream in incredible quality so you can broadcast via Twitch and share gameplay with friends and fans around the world!

Connect 5G or 4G Phones for Mobile Data

If you're streaming from a remote location, or you need a backup for the main Ethernet connection, you can plug in an Apple or Android phone to connect to the internet via mobile data. For convenience, there are USB connections on both the front and rear panel that can be used for tethering phones. Plus it works with the latest high speed 5G phones, as well as 4G phones! Blackmagic Web Presenter will auto detect when a phone is connected and switch its internet connection to use it. You can select Ethernet or phone priority, which makes phone internet backup fully automatic. Plus, by using phone tethering and mobile data, Web Presenter becomes the perfect remote location streaming solution!

Make Live Streaming Easy!

Blackmagic Web Presenter is a self contained solution that includes a powerful hardware encoder, software for connecting to streaming platforms, and network connections. That means you don't need to buy an expensive computer or use complicated streaming software. Simply connect an SDI video source such as a live production switcher or a camera, then connect to the internet using the built in Ethernet connection. Or plug in a mobile phone to use mobile data! With settings built in for popular streaming platforms, you simply need to enter a streaming key and press on air! Plus you can simultaneously use the USB webcam output to connect to a computer, allowing other video software to be used!

Built-in Technical Monitoring

Traditional broadcast transmitters are critical equipment in a television station, however now the streaming server is just as critical because millions of viewers can be watching globally! To help, Blackmagic Web Presenter includes a feature rich technical monitoring output. The graphics based monitoring output includes a video view, audio meters with accurate ballistics, trend graphs for codec data rates and cache fill, plus a summary of the streaming settings and detailed SDI technical information. Plus the technical monitoring output works in full 1080 HD and outputs to both SDI and HDMI. That means you can use an SDI router for monitoring multiple ~~Vaizdas~~ able HDMI TV!

1. Streaming Status

There's a very large ON AIR indicator on the top left of the monitor output, so it's always clear when you are online and streaming! Plus all your current streaming ~~Garsas~~ y.

3. Audio Input Status

Audio is de-embedded from the SDI input and the channel status is displayed. The bit activity indicator lets you check for 16, 20 or 24 bit audio. You can even see which audio channels are present!

5. Trend Graphs

The trend graphs below the video display let you see the last 60 seconds of codec data rate and cache fill. Plus codec data rate is critical for ensuring you have enough internet speed from your ISP!
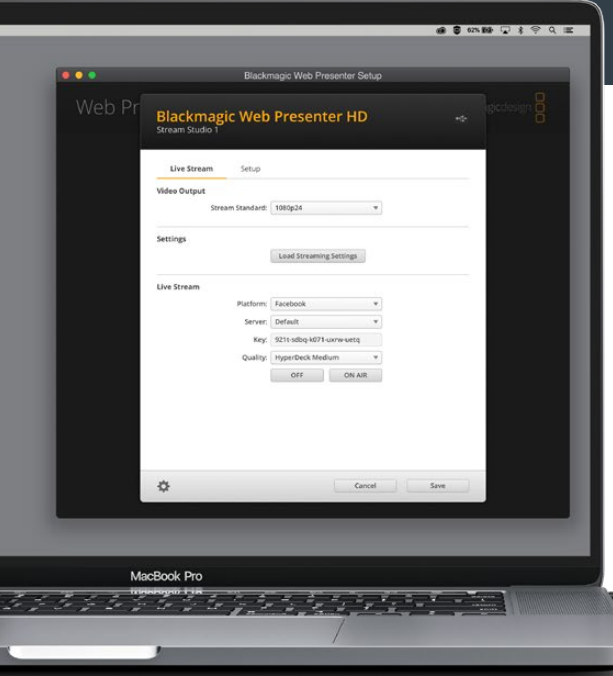
2. Video Input Status

The SDI input technical details are displayed, such as video standard and ancillary data. The bit activity indicators let you see the quality and bit depth of video before H.264 encoding.

4. Video and Audio History

The audio and video technical displays also include a 6 second history display so you can see the recent video input history. This ensures you can instantly see what's been happening.
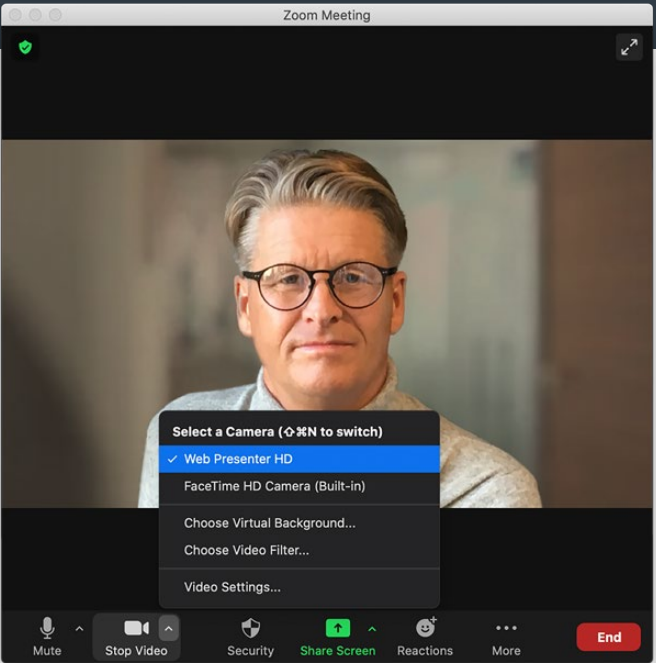
6. Video and Audio Meters

A large area is dedicated to the video input display, and the large multi segment audio meter with accurate ballistics. You can even change the type of audio meter from VU, PPM and more!

Includes Web Presenter Utility

The Blackmagic Web Presenter Utility software provides a single place to manage multiple web presenters and to update the settings and software. Simply plug directly into the front of the web presenter's USB connection, or connect using Ethernet so you can configure remotely, which is important when you're managing multiple remote sites. The familiar menus and controls make it very easy to set up a live event, so you can get started fast! Plus the front panel LCD menus have the same settings and controls! You can even load additional services for ATEM Streaming Bridge. The Blackmagic Web Presenter Utility software is included free and runs on both Mac and Windows platforms.

USB Webcam Output for Video Software

Blackmagic Web Presenter features two USB connections that operate as a simple webcam source. That means you can plug into any computer and work with any video software. The software is tricked into thinking the web presenter is a common webcam, but it's really a broadcast quality SDI video source! That guarantees compatibility with any video software in full resolution 1080 HD or even 2160p Ultra HD quality, depending on the model! Imagine connecting web presenter to a camera and then Skype or Zoom calling your client with live video of a shoot! Web Presenter works with any video software including Zoom, Microsoft Teams, Skype, Open Broadcaster, XSplit Broadcaster and more!

Technical Specifications

	Blackmagic Web Presenter HD	Blackmagic Web Presenter 4K
SDI Video Inputs	1	1
SDI Loop Outputs	1	1
SDI Monitor Outputs	1	1
SDI Rates	1.5G, 3G, 6G, 12G	1.5G, 3G, 6G, 12G
HDMI Monitor Outputs	1	1
Webcam Output	1 x USB-C up to 1080p60	1 x USB-C up to 2160p60
Ethernet	Supports 10/100/1000 Base-T	Supports 10/100/1000 Base-T
HD Video Input Standards	720p50, 720p59.94, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30 1080i50, 1080i59.94, 1080i60	720p50, 720p59.94, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 1080PsF23.98, 1080PsF24, 1080PsF25, 1080PsF29.97, 1080PsF30 1080i50, 1080i59.94, 1080i60
Ultra HD Video Input Standards	2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60	2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60
Video Input Color Space	Rec.601, Rec.709, Rec.2020	Rec.601, Rec.709, Rec.2020
3G SDI	Auto detects SMPTE level A or B on SDI input	Auto detects SMPTE level A or B on SDI input
SDI and HDMI Monitor Out Video Standards	1080p50, 1080p59.94, 1080p60	1080p50, 1080p59.94, 1080p60
Video Streaming Standards	720p25, 720p30, 720p50, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60	720p25, 720p30, 720p50, 720p60 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p30, 1080p50, 1080p59.94, 1080p60 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p30, 2160p50, 2160p59.94, 2160p60
Direct Streaming	Blackmagic Web Presenter HD supports direct live streaming over ethernet using Real Time Messaging Protocol (RTMP)	Blackmagic Web Presenter 4K supports direct live streaming over ethernet using Real Time Messaging Protocol (RTMP)
Closed Captions	Blackmagic Web Presenter HD supports embedding CEA-608 and CEA-708 closed captions in your live RTMP stream	Blackmagic Web Presenter 4K supports embedding CEA-608 and CEA-708 closed captions in your live RTMP stream
Control Panel	Built in control panel with 2.2 inch color display for video preview, audio meters and status	Built in control panel with 2.2 inch color display for video preview, audio meters and status
Device Control	Front panel, USB-C or ethernet	Front panel, USB-C or ethernet
Compatible Services and Software	YouTube Live, Facebook Live, Twitter, Twitch, Skype, Microsoft Teams, Open Broadcaster and Wowza Streaming Engine	YouTube Live, Facebook Live, Twitter, Twitch, Skype, Microsoft Teams, Open Broadcaster and Wowza Streaming Engine
Operating Systems	Mac, W	Mac, Windows, Linux, ChromeOS
Power Supply	1 x	1 x internal 100 - 240V AC
12V DC Input	1 x +12V DC 4-pin XLR	1 x +12V DC 4-pin XLR
Power Usage	21 W	25 W
Width	140 mm (5.51 in)	140 mm (5.51 in)
Height	44 mm (1.75 in)	44 mm (1.75 in)
Depth	175.5 mm (6.9 in)	175.5 mm (6.9 in)
Weight	755 g (1.66 lb)	755 g (1.66 lb)
Warranty	3 year limited manufacturer's warranty	3 year limited manufacturer's warranty

Learn more at www.blackmagicdesign.com