

# ATEM Mini



ATEM Mini features 4 HDMI inputs and has an intuitive, easy to use design that makes it possible for anyone to live stream multi camera productions online via services and software such as YouTube Facebook Live or even Skype. Simply connect 4 high quality HDMI inputs that can be used for live switching cameras, computers or even game consoles. You get a built in DVE for exciting picture in picture effects, broadcast quality transitions, upstream keyers for removing blue and green screen background, a downstream keyer for superimposing custom graphics, audio inputs a mixer, and more. To stream, ATEM Mini also has a USB output that works like a webcam, so you can connect to any video software. There's also HDMI video out for projectors.

## Connections

**Total Video Inputs**

4

**Total Audio Inputs**

2 x 3.5mm stereo mini jack.

**Video Input Re-Sync**

On all 4 HDMI inputs.

**Total Outputs**

2

**Total Audio Outputs**

None, embedded audio only.

**Frame rate and format convertors**

On all 4 HDMI inputs.

**Total Aux Outputs**

1

**Timecode Connection**

None

**HDMI Program Outputs**

1

**SDI Rates**

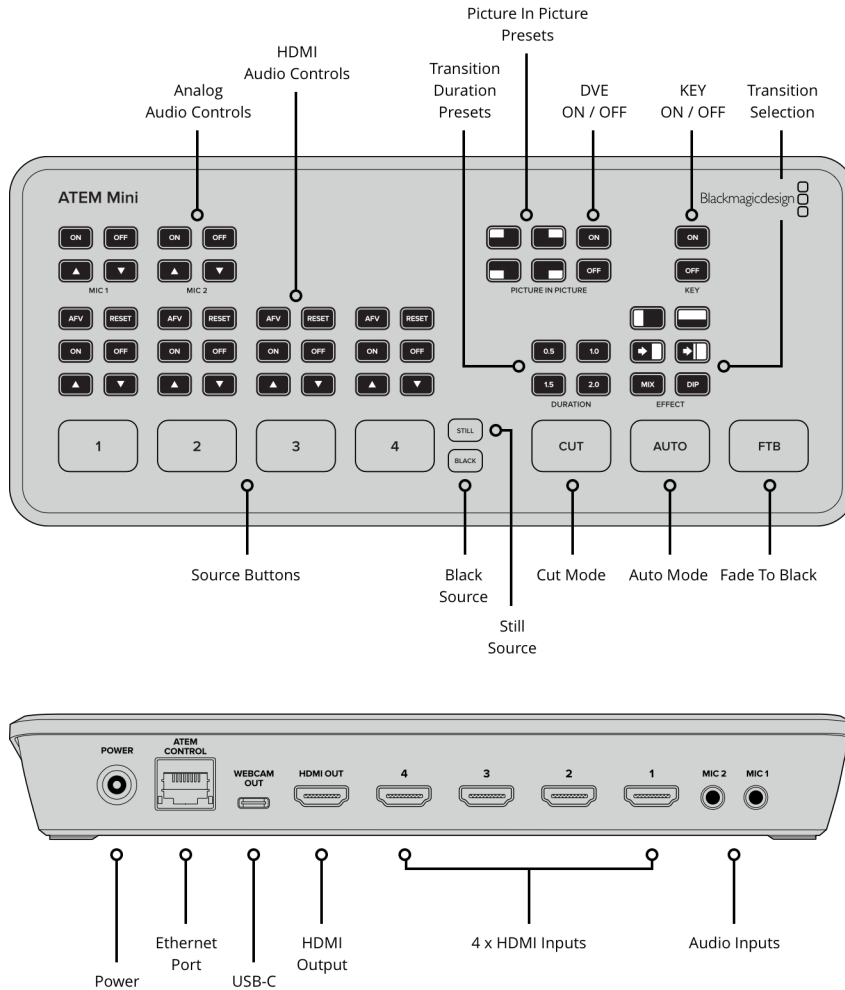
1.5G, 3G.

**HDMI Video Inputs**

4 x HDMI type A, 10-bit  
HD switchable.  
2 channel embedded audio.

**Computer Outputs**

1 x USB Type-C 3.1 Gen 1.



## Standards

### HD Video Input Standards

720p50, 720p59.94, 720p60  
 1080p23.98, 1080p24, 1080p25,  
 1080p29.97, 1080p30, 1080p50,  
 1080p59.94, 1080p60  
 1080i50, 1080i59.94, 1080i60

### HD Video Output Standards

1080p23.98, 1080p24, 1080p25,  
 1080p29.97, 1080p30, 1080p50,  
 1080p59.94, 1080p60

### Ultra HD Video Standards

None

### Video Sampling

4:2:2 YUV

### Color Precision

10-bit

### Color Space

Rec 709

### HDMI Input Resolutions from Computers

1280 x 720p 50Hz, 59.94Hz and 60Hz  
 1920 x 1080p 23.98, 24, 25, 29.97,30,  
 50, 59.94 and 60Hz  
 1920 x1080i 50 and 59.94Hz 60Hz

### Colorspace Conversion

Hardware based real time.

### Audio Mixer

6 input x 2 channel mixer.  
 Selectable On/Off/Audio-Follow-Video per channel plus separate gain control per channel.  
 Level and Peak metering. Plus new Fairlight audio enhancements:  
 Compressor, Gate, Limiter, 6 bands of parametric EQ. Master gain control.

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## Product Specifics

### Upstream Keyers

1

### Transition Keyer

DVE only.

### DVE with Borders and Drop Shadow

1

### Downstream Keyers

1

### Total Number of Layers

4

### Interface

Minimum monitor resolution of 1366 x 768.

### Advanced Chroma Keyers

1

### Pattern Generators

1

### Linear/Luma Keyers

2

### Color Generators

2

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## Media Player

### Media Players

1

### Media Pool Still Image Capacity

20 with fill and key.

### Channels

Fill and key for each Media Player.

### Media Pool Still Image Format

PNG, TGA, BMP, GIF, JPEG and TIFF.

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## Control

### Control Panel

Built in control panel. Software control panel included. Supports optional hardware panel.

### Control Panel Connection

Ethernet supports 10/100 BaseT. Allows direct connection between panel and chassis, or via network. Also used for updating the software. ATEM Mini supports direct USB-C connection.

### Control Panel Compatibility

Includes ATEM Software Control Panel. Also compatible with ATEM 1 M/E Advanced Panel and ATEM 2 M/E Broadcast Panel.

### Control Panel Included

ATEM Software Control Panel included free for Mac 10.13 High Sierra, Mac 10.14 Mojave or later and Windows 10.

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## Software

### Software Updates

Using USB or Ethernet connection directly connected to Mac OS X or Windows computers. Includes ATEM Switcher Utility.

### Configuration

Set via ATEM Software Control Panel, excluding ATEM chassis IP address which is set via the ATEM Switcher Utility connected via USB to chassis.

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## Operating Systems



Mac 10.13 High Sierra,  
Mac 10.14 Mojave or later.



Windows 10.

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## Power Requirements

### Power Supply

1 x External 12V power supply.

### Power Usage

18W

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## Physical Specifications



## Environmental Specifications

### Operating Temperature

5° C to 40° C (41° - 104° F)

### Storage Temperature

-10° to 60° C (14° to 140° F)

### Relative Humidity

0% to 90% non-condensing

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## What's Included

ATEM Mini

External 12V power supply with locking connector and international socket adapters

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## Warranty

12 Months Limited Manufacturer's Warranty.

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