

ATEM Mini Pro



ATEM Mini Pro is fast to set up and easy to use. It includes 4 standards converted HDMI inputs, USB webcam out, HDMI out, Fairlight audio mixer with EQ and dynamics, DVE for picture in picture, transition effects, green screen chroma key, 20 stills media pool for titles and free ATEM Software Control. ATEM Mini Pro also includes direct recording to USB flash disks in H.264 and direct streaming via Ethernet to YouTube Live and more. There's also a multiview with 4 cameras, media, preview and program plus status of recording, streaming and audio.

Connections

Total Video Inputs

4

Total Outputs

2

Total Aux Outputs

1

Total Audio Inputs

2 x 3.5mm stereo mini jack.

Total Audio Outputs

None, embedded audio only.

Timecode Connection

None

HDMI Video Inputs

4 x HDMI type A, 10-bit HD switchable.

2 channel embedded audio.

Video Input Re-Sync

On all 4 HDMI inputs.

Frame Rate and Format Converters

On all 4 HDMI inputs.

HDMI Program Outputs

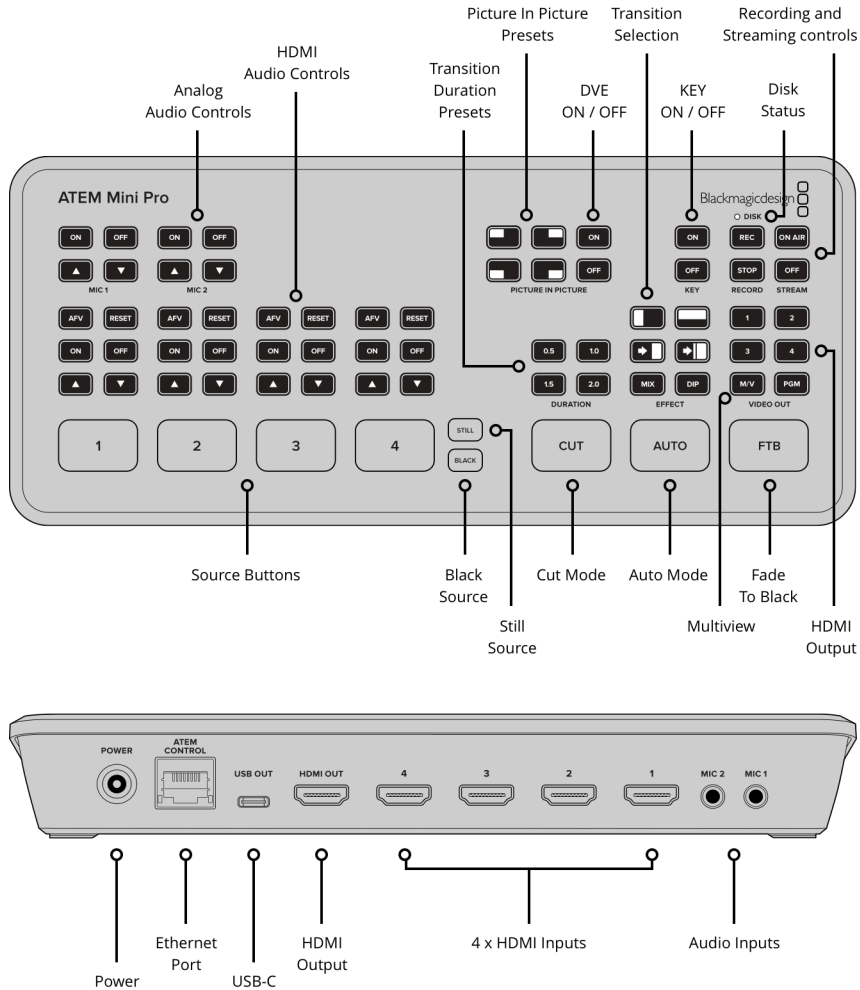
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Ethernet

Ethernet supports 10/100/1000 BaseT for live streaming, software control, software updates and direct or network panel connection.

Computer Interface

1 x USB Type-C 3.1 Gen 1 for external drive recording, webcam out, software control, software updates and panel connection.



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

Video Streaming 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 x 1080i 50, 59.94Hz and 60Hz

Colorspace Conversion

Hardware based real time.

Product Specifics

Upstream Keys

1

Downstream Keys

1

Advanced Chroma Keys

1

Linear/Luma Keyers 2	Pattern Generators 1	Interface Minimum monitor resolution of 1366 x 768.
Transition Keyer DVE only.	Color Generators 2	
Total Number of Layers 5	DVE with Borders and Drop Shadow 1	

Audio

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.	Analog Input Unbalanced stereo Analog Input Delay Up to 8 frames Input Impedance 1.8k	Max Input Level +6dBV Mic Plug In Power Available on both 3.5mm mini jack connections.
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Streaming

Direct Streaming
ATEM Mini Pro supports direct live streaming using Real Time Messaging Protocol (RTMP) over ethernet or a shared mobile internet connection over USB-C.

Recording

Direct Recording 1 x USB-C 3.1 Gen 1 expansion port for external media to direct record a .mp4 H.264 with AAC audio at the ATEM video standard.	Media Format Supports media formatted ExFAT (Windows/Mac) or HFS+ (Mac) file system.
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Multi View Monitoring

Multi View Monitoring 1 x 10 Views including left right configurable Program/Preview, 4 HDMI inputs, Media Player, Streaming Status, Recording Status and Audio Meters.	Multi View Video Standard HD
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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.

Control

Control Panel

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

Control Panel Connection

Ethernet supports 10/100/1000 BaseT. Ethernet used for direct connection between panel and chassis or via network. ATEM Mini Pro also supports direct USB-C connection. Ethernet or USB-C used for updating the software.

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 10.14 Mojave, Mac 10.15 Catalina or later and Windows 10 64 bit only.

Software

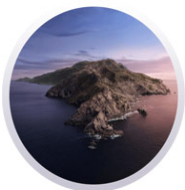
Software Updates

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.

Operating Systems



Mac 10.14 Mojave,
Mac 10.15 Catalina or later.



Windows 10, 64-bit.

Power Requirements

Power Supply

1 x External 12V power supply.

Power Usage

30W

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
