Blackmagicdesign

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
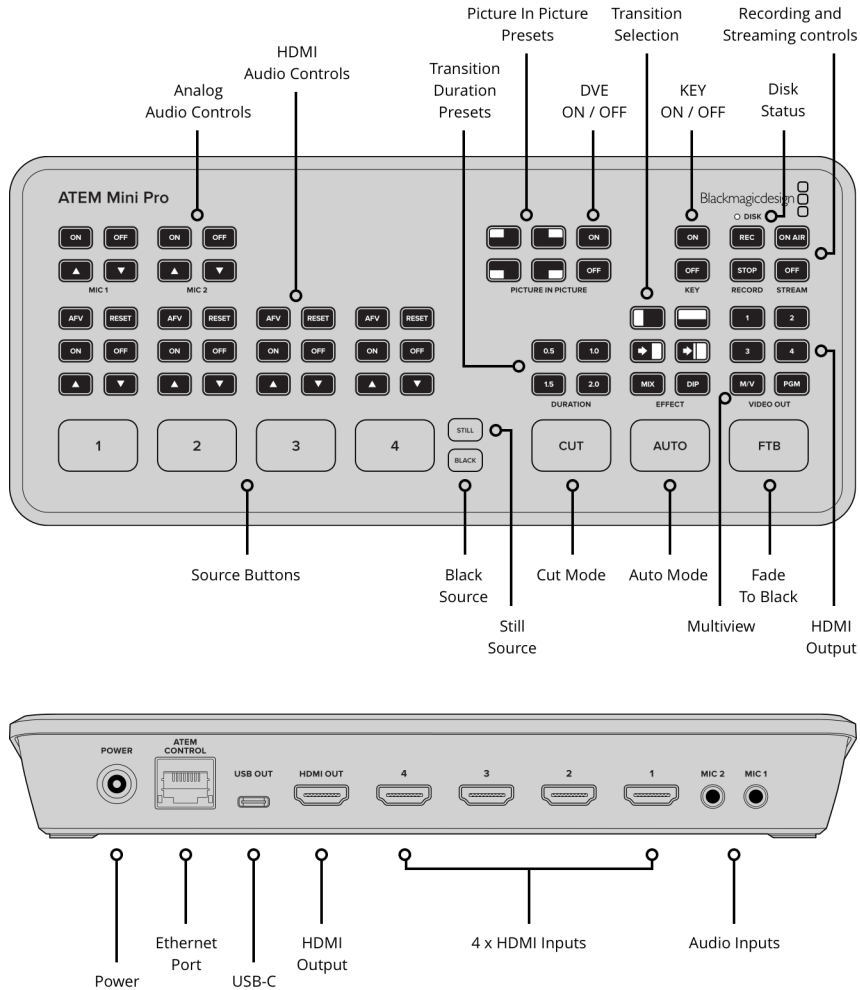On all 4 HDMI inputs.

HDMI Program Outputs
1

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.

Analog Audio Controls · HDMI Audio Controls · Transition Duration Presets · Picture In Picture Presets · DVE ON / OFF · Transition Selection · KEY ON / OFF · Disk Status · Recording and Streaming controls

Source Buttons · Black Source · Cut Mode · Auto Mode · Fade To Black · HDMI Output · Still Source · Multiview

Power · Ethernet Port · USB-C · HDMI Output · 4 x HDMI Inputs · Audio Inputs

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 x1080i 50 and 59.94Hz 60Hz

Colorspace Conversion

Hardware based real time.

Product Specifics

Upstream Keyers

1

Downstream Keyers

1

Advanced Chroma Keyers

1

Linear/Luma Keyers
2

Transition Keyer
DVE only.

Total Number of Layers
5

Pattern Generators
1

Color Generators
2

DVE with Borders and Drop Shadow
1

Interface
Minimum monitor resolution of 1366 x 768.

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.

Streaming

Direct Streaming
ATEM Mini Pro supports direct live streaming over ethernet using Real Time Messaging Protocol (RTMP).

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.

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

Media Player

Media Players
1

Channels
Fill and key for each Media Player.

Media Pool Still Image Capacity
20 with fill and key.

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 Compatibilty
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.
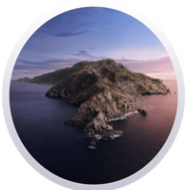
Software

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

9.35 in

1.38 in

4.07 in

19.4 oz

Environmental Specifications

Operating Temperature	**Storage Temperature**	**Relative Humidity**
5° C to 40° C (41° - 104° F)	-10° to 60° C (14° to 140° F)	0% to 90% non-condensing

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What's Included

ATEM Mini Pro
External 12V DC power supply with international socket adapters

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Warranty

12 Months Limited Manufacturer's Warranty.

Blackmagic Design Authorized Reseller