

# 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.

**NZ\$1,425**

## 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**

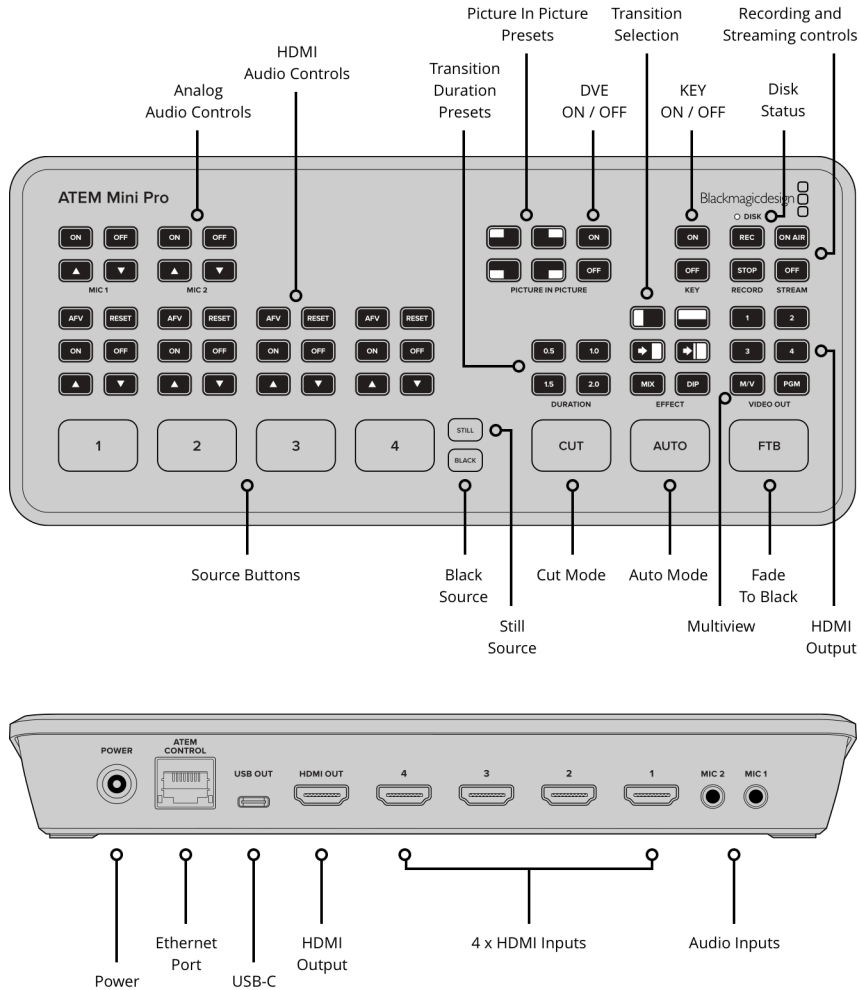
1

**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.



## 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 and 59.94Hz 60Hz

### Colorspace Conversion

Hardware based real time.

## Product Specifics

### Upstream Keys

1

### Downstream Keys

1

### Advanced Chroma Keys

1

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

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## Audio

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

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

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## Recording

<b>Direct Recording</b> 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.	<b>Media Format</b> Supports media formatted ExFAT (Windows/Mac) or HFS+ (Mac) file system.
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## Multi View Monitoring

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

### Media Players

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### 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 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.

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## Software

### Software Updates

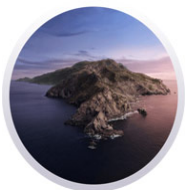
Using USB or Ethernet connection directly connected to Mac OS X or Windows computers. Includes ATEM Switcher Utility.

### 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 10.14 Mojave,  
Mac 10.15 Catalina or later.



Windows 10, 64-bit.

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## Power Requirements

### Power Supply

1 x External 12V power supply.

### Power Usage

30W

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## Physical Specifications



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## 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 Pro  
External 12V DC power supply with international socket adapters

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## Warranty

12 Months Limited Manufacturer's Warranty.

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