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.

$595

Connections

<table>
<thead>
<tr>
<th>Total Video Inputs</th>
<th>Timecode Connection</th>
<th>HDMI Program Outputs</th>
</tr>
</thead>
<tbody>
<tr>
<td>4</td>
<td>None</td>
<td>1</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Outputs</th>
<th>HDMI Video Inputs</th>
<th>Ethernet</th>
</tr>
</thead>
<tbody>
<tr>
<td>2</td>
<td>4 x HDMI type A, 10-bit HD switchable. 2 channel embedded audio.</td>
<td>Ethernet supports 10/100/1000 BaseT for live streaming, software control, software updates and direct or network panel connection.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Aux Outputs</th>
<th>Video Input Re-Sync</th>
<th>Computer Interface</th>
</tr>
</thead>
<tbody>
<tr>
<td>1</td>
<td>On all 4 HDMI inputs.</td>
<td>1 x USB Type-C 3.1 Gen 1 for external drive recording, webcam out, software control, software updates and panel connection.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Total Audio Inputs</th>
<th>Frame Rate and Format Converters</th>
</tr>
</thead>
<tbody>
<tr>
<td>2 x 3.5mm stereo mini jack.</td>
<td>On all 4 HDMI inputs.</td>
</tr>
</tbody>
</table>

| Total Audio Outputs | None, embedded audio only. |

Product Technical Specifications

ATEM Mini Pro - Technical Specifications

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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

Colorsace 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.
## Product Specifics

<table>
<thead>
<tr>
<th>Feature</th>
<th>Count</th>
</tr>
</thead>
<tbody>
<tr>
<td><strong>Upstream Keyers</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Downstream Keyers</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Advanced Chroma Keyers</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Linear/Luma Keyers</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>Transition Keyer</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Total Number of Layers</strong></td>
<td>5</td>
</tr>
<tr>
<td><strong>Pattern Generators</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Color Generators</strong></td>
<td>2</td>
</tr>
<tr>
<td><strong>DVE with Borders and Drop Shadow</strong></td>
<td>1</td>
</tr>
<tr>
<td><strong>Interface</strong></td>
<td></td>
</tr>
<tr>
<td><strong>Minimum monitor resolution</strong></td>
<td>1366x768</td>
</tr>
</tbody>
</table>

## 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**
Can format media to ExFAT (Windows/Mac) or HFS+ (Mac) file systems.

## 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 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 only.

Power Requirements

Power Supply
1 x External 12V power supply.

Power Usage
36W
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

What's Included

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

Warranty

12 Months Limited Manufacturer's Warranty.
Blackmagic Design Authorized Reseller