ATEM Mini Extreme is an advanced switcher for true professionals! You get all the ATEM Mini Pro features plus 8 HDMI inputs, 2 separate HDMI outputs, 2 USB ports and a headphone connection. There are also 4 chroma keyers, 6 picture in picture DVEs, 2 media players, and a multiview with up to 16 views!

$995

Connections

**Total Video Inputs**
8

**Total Outputs**
4

**Total Aux Outputs**
2

**Total Audio Inputs**
2 x 3.5mm stereo mini jack.

**Total Audio Outputs**
1 x 3.5mm stereo mini jack.

**Timecode Connection**
None

**HDMI Video Inputs**
8 x HDMI type A, 10-bit HD switchable.
2 channel embedded audio.

**Video Input Re-Sync**
On all 8 HDMI inputs.

**Frame Rate and Format Converters**
On all 8 HDMI inputs.

**HDMI Program Outputs**
2

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

**Computer Interface**
2 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 Keyers**
4

**Downstream Keyers**
2

**Advanced Chroma Keyers**
Up to 4

**Linear/Luma Keyers**
Up to 4

**Transition Keyer**
DVE only.

**Total Number of Layers**
9

**Pattern Generators**
5

**Color Generators**
2

**DVE With Borders and Drop Shadow**
2

**Interface**
Minimum monitor resolution of 1366 x 768.

**Audio**

**Audio Mixer**
11 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 Extreme supports direct live streaming using Real Time Messaging Protocol (RTMP) over ethernet or a shared mobile internet connection over USB-C.

**Recording**

**Direct Recording Video and Audio**
USB-C 3.1 Gen 1 expansion port can record directly to external media.

**Video Recording**
1 x Program out as H.264 .mp4 file at the Streaming quality setting and at the ATEM video standard with AAC audio.

**Media Format**
Supports media formatted ExFAT (Windows/Mac) or HFS+ (Mac) file system.
Multi View Monitoring

**Multi View Video Standard**
HD

**Multi View Monitoring**
Configurable to 16, 13, 10, 7 or 4 up views including Program, Preview, 8 HDMI inputs, SuperSource, Clean Feed, Media Player, Streaming Status, Recording Status and Audio Meters.

Media Player

**Media Players**
2

**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 Extreme 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, ATEM 2 M/E Advanced Panel and ATEM 4 M/E Advanced Panel. ATEM Mini Extreme can be configured using Blackmagic Videohub Hardware Panel Setup utility to route sources to destinations using Videohub Smart Control Pro and Videohub Master Control Pro.

**Control Panel Included**
ATEM Software Control Panel included free for Mac 10.14 Mojave, Mac 10.15 Catalina, Mac 11 Big Sur 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 10.15 Catalina, Mac 11.1 Big Sur or later.

Windows 10, 64-bit.

Power Requirements

<table>
<thead>
<tr>
<th>Power Supply</th>
<th>Power Usage</th>
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</thead>
<tbody>
<tr>
<td>1 x External 12V power supply.</td>
<td>36W</td>
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</table>

Physical Specifications

Environmental Specifications

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>Storage Temperature</th>
<th>Relative Humidity</th>
</tr>
</thead>
<tbody>
<tr>
<td>5° C to 40° C (41° - 104° F)</td>
<td>-10° to 60° C (14° to 140° F)</td>
<td>0% to 90% non-condensing</td>
</tr>
</tbody>
</table>
What's Included

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

Warranty

12 Months Limited Manufacturer’s Warranty.

Blackmagic Design Authorized Reseller