ATEM Television Studio Pro 4K

ATEM Television Studio Pro 4K features 8 independent 12G-SDI inputs, for working in all popular HD and Ultra HD formats up to 2160p60. Each input features re-sync as well as a full low latency standards converter, which means the input is automatically adapted to the switchers format. You can even have 8 inputs, all running different video formats! The upgraded Fairlight audio mixer features dynamics, 6 band parametric EQ, dual mono channel split and stereo simulator with audio delay on the analog inputs. ATEM Television Studio Pro 4K also features the ATEM Advanced Chroma Key, Ultra HD multi-view and motion clips in the media pool.

$2,995

Connections

Total Video Inputs
8

Total Outputs
12

Total Aux Outputs
1

SDI Rates
1.5G, 3G, 6G, 12G.

Total Audio Inputs
2 x XLR. 1 x Microphone.

Total Audio Outputs
1 x Headphone.

SDI Video Inputs
8 x 10-bit HD/UHD switchable. 2 channel embedded audio.

HDMI Video Inputs
None

Reference Inputs
Tri-Sync or Black Burst.

Video Input Re-Sync
On all 8 inputs.

Frame rate and format convertors
On all 8 inputs.

SDI Program Outputs
9 x 10-bit HD/UHD switchable.

SDI Audio Outputs
2 Ch embedded into SDI output.

Total Multi Views
1

SDI Multi View Outputs
1

HDMI Multi View Outputs
1
Standards

**SD Video Standards**
None

**HD Video Standards**
- 720p50, 720p59.94
- 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94
- 1080i50, 1080i59.94

**Ultra HD Video Standards**

**SDI Compliance**
- 292M and 424M, 2081, 2082.

**Video Sampling**
4:2:2 10-bit

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**Product Specifics**

**Upstream Keyers**
1 with Chroma/Linear/Luma key.

**Downstream Keyers**
2

**Chroma Keyers**
1

**Linear/Luma Keyers**
3

**Talkback Support**
Built in, uses aviation headset.

**Mix Minus Support**
Yes, on 8 camera PGM outputs.

**Transition Keyer (Stinger/DVE)**
Stinger and DVE.

**Total Number of Layers**
5

**Pattern Generators**
2

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ATEM Television Studio Pro 4K - Technical Specifications
### Color Generators
- 2

### DVE with 3D Borders & Drop Shadow
- 1

### Interface
- Minimum monitor resolution of 1366 x 768.

### Number of Windows
- 1 x 10

### Routable Windows
- 8 routable and 2 fixed for Program and Preview.

### Tally
- Red for program and green for preview indication.

### Multi View Monitoring

<table>
<thead>
<tr>
<th>Multi View Monitoring</th>
<th>Multi View Video Standard</th>
</tr>
</thead>
<tbody>
<tr>
<td>1 x 10 Views.</td>
<td>HD/Ultra HD.</td>
</tr>
</tbody>
</table>

### Media Player

<table>
<thead>
<tr>
<th>Media Players</th>
<th>Media Pool Clip Capacity</th>
<th>Media Player Clip Length in Ultra HD</th>
</tr>
</thead>
<tbody>
<tr>
<td>2, with non volatile flash memory.</td>
<td>2 with fill and key. Shared pool.</td>
<td>90 frames.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Media Pool Still Image Capacity</th>
<th>Media Pool Clip File Format</th>
<th>Media Player Clip Length in 720 HD</th>
<th>Media Pool Audio File Format</th>
</tr>
</thead>
<tbody>
<tr>
<td>20 with fill and key.</td>
<td>TGA Sequence.</td>
<td>1440 frames.</td>
<td>WAV, MP3 and AIFF.</td>
</tr>
</tbody>
</table>

<table>
<thead>
<tr>
<th>Media Pool Still Image Format</th>
<th>Media Player Clip Length in 1080 HD</th>
</tr>
</thead>
<tbody>
<tr>
<td>PNG, TGA, BMP, GIF, JPEG and TIFF.</td>
<td>360 frames.</td>
</tr>
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</table>

<table>
<thead>
<tr>
<th>Channels</th>
<th>Media Player Clip Length in Ultra HD</th>
</tr>
</thead>
<tbody>
<tr>
<td>Fill and key for each Media Player.</td>
<td>90 frames.</td>
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</tbody>
</table>

### Control

<table>
<thead>
<tr>
<th>Control Panel</th>
<th>Control Panel Compatibility</th>
<th>Control Panel Included</th>
</tr>
</thead>
<tbody>
<tr>
<td>Built in with camera control. Software panel included. Supports optional broadcast panel.</td>
<td>Includes ATEM Software Control Panel. Also compatible with ATEM 1 M/E Broadcast Panel and ATEM 2 M/E Broadcast Panel.</td>
<td>ATEM Software Control Panel included free for Mac 10.12 Sierra or Mac 10.13 High Sierra or later and Windows 8.1 64-bit or Windows 10 64-bit.</td>
</tr>
</tbody>
</table>

### Software

<table>
<thead>
<tr>
<th>Software Updates</th>
<th>Configuration</th>
</tr>
</thead>
<tbody>
<tr>
<td>Using USB connection directly connected to Mac or Windows computers. Includes ATEM Setup Utility.</td>
<td>Set via ATEM Software Control Panel, excluding ATEM chassis IP address which is set via the ATEM Setup Utility connected via USB to chassis.</td>
</tr>
</tbody>
</table>
Operating Systems

Mac 10.14 Mojave, Mac 10.15 Catalina or later.

Windows 8.1 and 10.

Power Requirements

Power Supply
1 x Internal 100 - 240V AC. 4 pin 12V DC.

Power Usage
70W

Physical Specifications

Environmental Specifications

Operating Temperature:
5°C to 40°C

Storage Temperature:
-20° to 60°C (-4° to 140°F)

Relative Humidity:
0% to 90% non-condensing

What's Included

ATEM Television Studio Pro 4K
SD card with software and manual

Warranty

12 Months Limited
Manufacturer's Warranty.
Repair policy

Warranty details can be found in the ATEM Switchers Operation Manual in the support page at www.blackmagicdesign.com.

Blackmagic Design Authorized Reseller