

ATEM 1 M/E Production Studio 4K



The advanced ATEM 1 M/E Production Studio 4K model switches between SD, HD or Ultra HD video standards so you can connect a wide range of video sources such as cameras, disk recorders and computers. Featuring 10 inputs, chroma keys, transitions, media pool, 4 upstream keyers, downstream keyers, audio mixer, multi view, full motion DVE, stinger transitions, large media pool with full motion clips and 3 auxiliary outputs!

\$2,705

Connections

Total Video Inputs

11 with 10 active.

Total Video Outputs

10

Total Aux Outputs

3

SDI Rates

270Mb, 1.5G, 3G, 6G

Total Audio Inputs

2 x XLR. 2 x RCA.

Total Audio Outputs

2 x XLR Program.

Timecode Connections

None

Reference Input

Tri-Sync or Black Burst.

Video Input Re-Sync

On all 10 inputs.

SDI Video Inputs

10 x 10-bit SD/HD/Ultra HD 4K switchable. 2 channel embedded audio.

HDMI Video Input

1 x HDMI type A. 10-bit SD/HD/Ultra HD 4K switchable. 2 channel embedded audio.

Analog Audio Outputs

2 x XLR.

SDI Audio Outputs

2 Ch embedded into SDI output on all outputs.

SDI Program Outputs

2 x 10-bit SD/HD/Ultra HD 4K switchable.

HDMI Program Outputs

1 x HDMI type A, 10-bit SD/HD/Ultra HD 4K switchable.

Down Converted SDI

Program Output

1 x 10-bit (Ultra HD 4K to HD)

SDI Preview Output

1 x 10-bit SD/HD/Ultra HD 4K switchable.

Total Multi Views

1

SDI Multi View Outputs

1

HDMI Multi View Outputs

1

Control Panel Connection

Ethernet supports 10/100/1000 BaseT. Allows direct connection between panel and chassis, or via network.

Tally Output

Added via ethernet connection to Blackmagic Design GPI and Tally Interface product. (Not included.)

Computer Interface

1 x USB 2.0 port.

Control Panel Compatibility

ATEM 1 M/E Broadcast Panel preferred. Compatible with ATEM 1 M/E Advanced Panel, ATEM 2 M/E Advanced Panel and ATEM 4 M/E Advanced Panel. Includes ATEM Software Control Panel.

Media Player

Media Players 2	Media Player Clip Length in 720 HD 1600 frames.	Maximum Clip Length in NTSC/PAL 3600 frames.
Channels Channels	Media Player Clip Length in 1080 HD 720 frames.	Media Pool Still Image Format PNG, TGA, BMP, GIF, JPEG and TIFF.
Media Pool Still Image Capacity 32 with fill and key.	Media Player Clip Length in Ultra HD 180 frames.	Media Pool Video File Format TGA Sequence.
Media Pool Clip Capacity 2 with fill and key.		Media Pool Audio File Format WAV, MP3 and AIFF.

Multi View Monitoring

Multi View Monitoring 1 x 10 views.	Tally Red for program and green for preview indication.	Windows Source Labels Yes
Routable Windows 8		Multi View Video Standard HD

Display

Interface Minimum monitor resolution of 1366 x 768.	Front Panel Built in LCD monitor for video and 42 LED buttons for Aux switching.
---	--

Processing

Colorspace Conversion Hardware based real time.	Audio Mixer 12 input x 2 channel mixer. Selectable On/Off/Audio-Follow-Video. Level and Peak metering. Master gain control. Analog outputs may be used for separate monitoring.	4K to HD Down Conversion Yes, program x 1.
Processing Delay < 2 Lines.		

Software

Control Panel Included

ATEM Software Control Panel included free for Mac 10.12 Sierra, Mac 10.13 High Sierra or later and Windows 8.1 64-bit or Windows 10 64-bit.

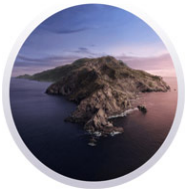
Software Updates

Using USB 2.0 connection directly connected to Mac OS or Windows computers. Includes ATEM Setup Utility

Configuration

Set via ATEM Software Control Panel, excluding ATEM chassis IP address which is set via the ATEM Setup Utility connected via USB to chassis.

Operating Systems



Mac 10.14 Mojave,
Mac 10.15 Catalina or later.



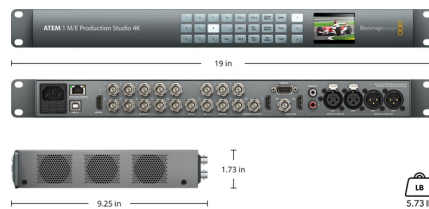
Windows 8.1 and 10.

Power Requirements

Power Supply

1 x Internal 100 - 240V AC.

Physical Specifications



Physical Installation

Physical Installation

1 Rack Unit Size.

Environmental Specifications

Operating Temperature

0° to 40° C (32° to 104° F)

Storage Temperature

-20° to 60° C (-4° to 140° F)

Relative Humidity

0% to 90% non-condensing

What's Included

AEM 1 M/E Production Studio 4K
Welcome wallet with QR code for software download

Warranty

12 month Limited Manufacturer's Warranty.

All items on this website are copyright Blackmagic Design Pty. Ltd. 2022, all rights reserved. All trademarks are property of their respective owners. MSRP includes duties, but excludes sales tax and shipping costs. This website uses remarketing services to advertise on third party websites to previous visitors to our site. You can opt out at any time by changing cookie settings. [Privacy Policy](#)

Blackmagic Design Authorized Reseller