



Product No. VIBMSD

Product Descriptions



Blackmagic Design ATEM Television Studio Production Switcher

The Blackmagic Design ATEM Television Studio Production Switcher is a versatile 1 RU switcher that's a lot more powerful than you might expect at this price. For instance, live-switch a multi-camera shoot of a concert with a mix of high-definition HD-SDI- and HDMI-output camcorders – the six-input ATEM Television Studio can handle it, even applying a frame sync to each input. That means expensive genlocked cameras are simply not necessary.

The three keyers included in the ATEM Control Panel software allow you to add professional graphics such as logos and keys (the switcher features two media player frame stores). Using a green screen, you can even chroma-key a performer against a graphical background – live. Meanwhile, you can be encoding the live concert to H.264 in real time, producing a high-quality, professionally compressed HD file that will be ready for easy upload to the web the minute the show is over.

Product Details

Although care has been taken to ensure the accuracy of the information provided in this Product Specification, CTR is in no way liable for any errors, omissions or changes in specifications.

Features

Internet Broadcasting

The Internet is the television transmitter for the masses, so now ATEM Television Studio lets you do live production and simultaneously generate H.264 files for the web – all in real time. The moment your event is finished, your encoded file is ready for distribution.

Built to Perform

ATEM Television Studio might be small at only 1 RU, but it's packed with professional power. ATEM includes all the same features as the most powerful switchers used in broadcast, and is not "dumbed-down." This means you get professional results, and a familiar M/E style of operation.

Premium Quality

For the highest-quality video with extremely low processing delay, ATEM features a fully digital 10-bit design. This means you get the highest quality available from cameras, servers, and character generators, with true 10-bit video quality maintained throughout the entire signal path.

Creative Power

All transitions are instantly available via a button push on the software control panel, and they include the same cut, mix, and wipe found on traditional mixers.

Incredible Features

ATEM includes all these broadcast features at an affordable price: You get four upstream keyers, each with independent chroma, pattern, shaped, and linear keying. You also get two downstream keyers and independent fade to black. Add creativity with graphic wipes.

Software Control

For the ultimate in portability, every ATEM production switcher includes a beautifully designed software control panel, so you can use your switcher from your Mac or PC laptop. ATEM lets you start at a lower cost because you are not forced to buy a control panel.

Built-in Media Players

ATEM includes two built-in media player frame-stores so you can save thousands of dollars by eliminating external character generators. Because media players are built into ATEM, you get a fantastic portable solution.

Built-in Multi-View

Save thousands of dollars on costly camera monitoring with ATEM's built-in multiview. Multi-view allows 10 channels of video to be displayed on a single SDI or HDMI television or monitor.

Specifications

Video Inputs	6x Total simultaneous 4x SDI 4x HDMI 1.4a
Audio Input	1 x AES/EBU, nbalanced via BNC connector
Sync Input	Tri-Sync or black burst
Built-in TBC/Frame Sync	6 internal frame synchronizers
Total Outputs	6
Program Output	2x SDI 1x HDMI 1.4a
Computer Outputs	1x USB 2.0: H.264
Ethernet	1x 10/100/1000 BaseT input.
HD Format Support	1080i50, 1080i59.94, 720p50, 720p59.94
SD Format Support	625/25 PAL, 525/29.97 NTSC
Video Sampling	4:2:2
Number of Windows	1 x 10
Keyers	3x Total, 1x Upstream 2x Downstream, 3x Linear/Luma, 1x chroma
Generators	2x Pattern, 2x Color
Input Voltage	12-30V
Power Consumption	20W
Dimensions (HxWxD)	1.75 x 19 x 2.5"
Weight	3 lb (1.4 kg)

Head Office Location

