

Blackmagic Design ATEM Mini Pro ISO



New model adds a 5 channel recording engine to write all video inputs as separate video files for editing a live production after the event!

[Blackmagic ATEM Mini Pro ISO](#), is a new low cost live production switcher with a new 5 stream recording engine that allows all video inputs to be recorded allowing a live production to be edited after the event. This allows users to get a clean feed of all inputs and use edit software multi-cam features for later editing. ATEM Mini Pro ISO also records all audio files, media pool graphics and a DaVinci Resolve project file, so a live production can be opened and edited with a single click!

[ATEM Mini Pro ISO](#) is available in [UBMS Dubai](#).

ATEM Mini switchers make it easy to create professional multi camera productions for live streaming to YouTube and innovative business presentations using Skype or Zoom. Simply connect ATEM Mini and customers can switch live between 4 high quality video camera inputs for dramatically better quality images. Or connect a computer for PowerPoint slides or gaming consoles. The built in DVE allows exciting picture in

picture effects, perfect for commentary.

There are loads of video effects too. All ATEM Mini models have USB that works like a webcam so customers can use any streaming software while the ATEM Mini Pro model adds live streaming and recording to USB disks. There's also HDMI out for projectors. Microphone inputs allow high quality desktop and lapel mics for interviews and presentations.

ATEM Mini's compact all in one design includes both a control panel as well as connections. The front panel includes easy to use buttons for selecting sources, video effects and transitions. On the ATEM Mini Pro model customers also get buttons for record and streaming control as well as output selection buttons that let customers change the video output between cameras, program and multiview. On the rear panel there are HDMI connections for cameras or computers, extra microphone inputs, USB for webcam out plus an HDMI "aux" output for program video.

This model adds recording of up to 5 separate H.264 video streams in real time. That's a clean feed of all inputs and plus the live program. A DaVinci Resolve project file is also saved so customers can open their live production to adjust edits, change shots, remix audio and adds color correction.

The ATEM Mini Pro ISO model lets customers edit their live event because it can record 5 video streams, including clean feeds of all inputs and the program recording, all at the same time. Media pool images used are also saved with the video files. The video files include metadata tags such as synced timecode and camera numbers. Imagine re-editing their show with new color grades, effects and graphics. Even the audio sources are all recorded so customers can professionally remix their audio.



The ATEM Mini Pro ISO model can also save a DaVinci Resolve project file, so with a single click, customers can open their live production as a video edit. All cuts, dissolves and media pool graphics will be loaded. This means customers can fine tune edit points or even completely replace shots. The DaVinci Resolve Sync Bin lets customers select new shots via a multiview so it's very easy to use. Customers can even relink to Blackmagic RAW camera files for adding professional color correction and finishing in Ultra HD.

There's never been a switcher that's easier to use, as customers simply press any of the input buttons labelled 1 to 4 on the front panel to cut between video sources. Customers can choose between cut or effects transitions by selecting the cut or auto buttons. Unlike cut, the auto button tells ATEM Mini to use a video effect when switching inputs. Customers can select from exciting transitions such as dissolve, or more dramatic effects such as dip to color, DVE squeeze and DVE push. The DVE is perfect for picture in picture effects and customers can instantly set up different picture positions.

With 4 independent HDMI inputs, customers can connect up to 4 high quality video cameras. All video sources will re-sync to the switcher if they operate at different video standards so customers don't have to worry about connecting video devices as they all just work. Imagine taking advantage of the low light capability of better cameras for theater production, weddings, school concerts and music videos.

The ATEM Mini Pro model has a built in hardware streaming engine for live streaming via its ethernet connection. That means customers can live stream to YouTube, Facebook and Twitch in better quality, without dropped frames and with much simpler settings. Just select the streaming service and enter the streaming key. There are palettes in ATEM Software Control for streaming setup, plus streaming status is also displayed in the multiview. Streaming status is easy to understand as the data rate indicator shows internet

speed required for the video format users are using.

The ATEM Mini Pro model also supports direct recording of their streaming data to USB flash disks. That means customers get very long recordings in the same H.264 video files with AAC audio that customers streamed, so customers can direct upload to any online video site, such as YouTube and Vimeo. ATEM Mini Pro supports multiple disks when used with a USB hub or Blackmagic MultiDock, so when a disk fills recording can continue to a second disk for non-stop recording. Record settings and disk selection are set up in ATEM Software Control and there's a record status view in the built in multiview.

To ensure maximum compatibility, ATEM Mini features a USB connection that operates as a simple webcam source. That means customers can plug in and instantly get working with any video software. The software is tricked into thinking the ATEM Mini is a common webcam, but it's really a live production switcher. That guarantees full compatibility with any video software and in full resolution 1080HD quality. ATEM Mini works with software and platforms such as Open Broadcaster, XSplit Broadcaster, YouTube Live, Facebook Live, Skype, Zoom, Twitch, Periscope, Livestream, Wirecast and more.

Each of the 4 HDMI inputs feature their own dedicated standards converter. That means ATEM Mini will automatically convert 1080p, 1080i and 720p sources to the video standard of the switcher. The HDMI output is a true "aux" output so customers can clean switch each HDMI input or program to this output. If users are using program/preview switching, the HDMI out can be selected to preview, or on the ATEM Mini Pro model, it can be selected to display a full multiview.



The ATEM Software Control app unlocks the hidden power of ATEM Mini and allows access to every feature

in the switcher. ATEM Software Control features a visual switcher user interface with parameter palettes for making quick adjustments. Although customers can normally connect via USB, if customers connect using Ethernet it's possible for multiple users to connect to ATEM Mini using separate copies of ATEM Software Control on different computers.

The built in "media pool" allows the loading of up to 20 separate broadcast quality RGBA graphics for titles, opening plates and logos. Graphics can be loaded via ATEM Software Control or downloaded directly from Photoshop using the ATEM Photoshop plug-in.

For news or on-set presentation work, ATEM Mini is perfect as it has an upstream ATEM Advanced Chroma Key plus an additional downstream linear keyer. Customers can even use it for title overlays by creating graphics with a green or blue background and the keyer will knock out the green and make the background transparent.

When doing larger live productions with multiple cameras, it's very useful to see all their video sources at the same time on a single monitor. The ATEM Mini Pro model includes a professional multiview that lets customers see all 4 video inputs, plus preview and program on a single HDMI television or monitor. Each camera view includes tally indicators so customers know when each source is on-air, and each view also has custom labels and audio meters. Customers can also see the media player so customers know what graphic is selected. Plus multiview even includes status for recording, streaming and the Fairlight audio mixer.

With a built in Fairlight audio mixer, ATEM Mini makes it possible to do complex live sound mixing. The internal mixer features a total of 12 channels so customers can mix audio from all sources. That's audio from all HDMI sources and the 2 stereo mic inputs. Each input channel features the highest quality 6 band parametric EQ and compressor, limiter, expander and noise gate as well as full panning.

"This new model of ATEM Mini is a true innovation in workflow. For the first time, live production has been fully integrated into a post production editing workflow. Not only that, but with Blackmagic RAW integration, we can use the ISO files recorded in the switcher, or the files recorded in the camera." said Grant Petty, Blackmagic Design CEO. "That's a RAW film workflow, a post production workflow and a live production workflow all fully integrated for the first time! Imagine doing an Ultra HD fully color graded master all from a tiny low cost HD switcher. It's really exciting and it's going to generate a whole new workflow for the television industry!"



ATEM Mini Pro ISO Features

- Features miniaturized control panel based design.
- Built in support for recording each input as a separate ISO file.
- Saves DaVinci Resolve project file for 1 click editing of live production.
- Supports connecting up to 4 cameras or computers.
- Live streaming via Ethernet supported on ATEM Mini Pro.
- USB output operates as a webcam and supports all video software.
- Automatically standards converts and re-syncs all HDMI inputs.
- Includes free ATEM Software Control for Mac and Windows.
- Internal media for 20 RGBA graphics for titles, opening plates and logos.
- Includes ATEM Advanced Chroma Key for green/blue screen work.
- Multiview allows monitoring of all cameras on ATEM Mini Pro.
- Audio mixer supports limiter, compressor, 6 band EQ and more!

About Blackmagic Design

[Blackmagic Design](#) creates the world's highest quality video editing products, digital film cameras, color correctors, video converters, video monitoring, routers, live production switchers, disk recorders, waveform monitors and real time film scanners for the feature film, post production and television broadcast industries. Blackmagic Design's DeckLink capture cards launched a revolution in quality and affordability in post production, while the company's Emmy™ award winning DaVinci color correction products have dominated the television and film industry since 1984. Blackmagic Design continues ground breaking innovations including 6G-SDI and 12G-SDI products and stereoscopic 3D and Ultra HD workflows. Founded by world leading post production editors and engineers, Blackmagic Design has offices in the USA, UK, Japan, Singapore and Australia. For more information, please go to <https://unitedbroadcast.com/brand/blackmagicdesign.html>
