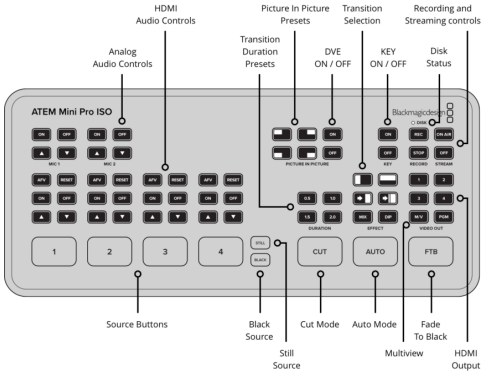
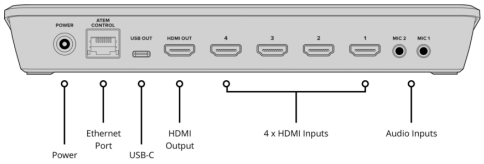
BLACKMAGIC ATEM MINI PRO ISO

Affordable live switcher with 4 standards converted HDMI inputs, USB webcam out, audio mixer with EQ and dynamics, 2D DVE, transitions, green screen chroma key, 20 stills for titles and much more! ATEM Mini Pro also includes recording to USB disks in H.264 format, a built in hardware streaming engine for YouTube Live, Facebook, Twitch and more, plus multiview to see all cameras on a single monitor. Plus with the ATEM Mini Pro ISO model you also get recording of 5 streams including all input as clean feeds for editing, plus a DaVinci project file for fast edit turnaround and Blackmagic RAW file relinking for finishing in Ultra HD.

Cena:

Kategorie: Video, Broadcast, Encodowanie i Streaming





GALLERY IMAGES

OPIS

Connections

Total Video Inputs

4

Total Outputs

2

Total Aux Outputs

1

Total Audio Inputs

2 x 3.5mm stereo mini jack.

Total Audio Outputs

None, embedded audio only.

Timecode Connection

None

HDMI Video Inputs

4 x HDMI type A, 10-bit HD switchable.
2 channel embedded audio.

Video Input Re-Sync

On all 4 HDMI inputs.

Frame Rate and Format Converters

On all 4 HDMI inputs.

HDMI Program Outputs

1

Ethernet

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

Computer Interface

1 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 x1080i 50 and 59.94Hz 60Hz

Colorspace Conversion

Hardware based real time.

Product Specifics

Upstream Keyers

1

Downstream Keyers

1

Advanced Chroma Keyers

1

Linear/Luma Keyers

2

Transition Keyer

DVE only.

Total Number of Layers

5

Pattern Generators

1

Color Generators

2

DVE with Borders and Drop Shadow

1

Interface

Minimum monitor resolution of 1366 x 768.

Audio

Audio Mixer

6 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 Pro ISO supports direct live streaming over ethernet using Real Time Messaging Protocol (RTMP).

Recording

Direct Recording Video and Audio

USB-C 3.1 Gen 1 expansion port can record directly to external media.

Video Recording

4 x HDMI ISO inputs as H.264 .mp4 files at up to 70Mb/s quality at the ATEM video standard with AAC audio.

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

Audio Recording

6 x 2 channel audio inputs recorded as seperate 24-bit 48KHz .wav files. Including 2 x analog stereo audio inputs and 4 x HDMI 2 channel embedded audio inputs.

Switching

Program switching recorded as a DaVinci Resolve project .drp file.

Media Format

Supports media formatted ExFAT (Windows/Mac) or HFS+ (Mac) file system.

Multi View Monitoring

Multi View Monitoring

1 x 10 Views including left right configurable Program/Preview, 4 HDMI inputs, Media Player, Streaming Status, Recording Status and Audio Meters.

Multi View Video Standard

HD

Media Player

Media Players

1

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 Pro ISO also supports direct USB-C connection. Ethernet or USB-C used for updating the software.

Control Panel Compatibilty

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 Pro ISO 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 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 10.14 Mojave,
Mac 10.15 Catalina or later.
Windows 10, 64-bit.

Power Requirements

Power Supply

1 x External 12V power supply.

Power Usage

36W

Physical Specifications

Environmental Specifications

Operating Temperature

5° C to 40° C (41° - 104° F)

Storage Temperature

-10° to 60° C (14° to 140° F)

Relative Humidity

0% to 90% non-condensing

What's Included

ATEM Mini Pro ISO

External 12V DC power supply with international socket adapters

Warranty

12 Months Limited Manufacturer's Warranty.