ATEM SDI

ATEM SDI is fast to set up and easy to use. It includes 4 standards converted SDI inputs, USB webcam, 2 SDI outputs, Fairlight audio mixer with EQ and dynamics, DVE for picture in picture, transition effects, green screen chroma key, 20 stills media pool for titles and free ATEM Software Control.

$345

Connections

Total Video Inputs
4

Total Outputs
3

Total Aux Outputs
2

Total Audio Inputs
2 x 3.5mm stereo mini jack.

Total Audio Outputs
None, embedded audio only.

Timecode Connection
None

SDI Video Inputs
4 x 3G-SDI, 10-bit HD switchable. 2 channel embedded audio.

Video Input Re-Sync
On all 4 SDI inputs.

Frame Rate and Format Converters
On all 4 SDI inputs.

SDI Program Outputs
2

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

Computer Interface
1 x USB Type-C 2.0 for 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

**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.

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 included. Supports optional hardware panel.

Control Panel Connection
Ethernet supports 10/100 BaseT.
Allows direct connection between panel and chassis, or via network.
Also used for updating the software.
ATEM SDI supports direct USB-C connection.

Control Panel Compatibility
Includes ATEM Software Control Panel. Also compatible with ATEM 1 M/E Advanced Panel and ATEM 2 M/E Broadcast Panel.

Control Panel Included
ATEM Software Control Panel included free for Mac 11.0 Big Sur, Mac 12.0 Monterey or later and Windows 10 or 11.
## 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 11.0 Big Sur, Mac 12.0 Monterey or later. | Windows 10 and 11. |

## Power Requirements

<table>
<thead>
<tr>
<th>Power Supply</th>
<th>Power Usage</th>
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</thead>
<tbody>
<tr>
<td>1 x External 12V power supply.</td>
<td>18W</td>
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</table>
Physical Specifications

Environmental Specifications

<table>
<thead>
<tr>
<th>Operating Temperature</th>
<th>Storage Temperature</th>
<th>Relative Humidity</th>
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</thead>
<tbody>
<tr>
<td>5° C to 40° C (41° - 104° F)</td>
<td>-10° to 60° C (14° to 140° F)</td>
<td>0% to 90% non-condensing</td>
</tr>
</tbody>
</table>

What's Included

ATEM SDI
External 12V DC power supply with international socket adapters

Warranty

12 Months Limited Manufacturer's Warranty.
Blackmagic Design Authorized Reseller