

ATEM Mini	ATEM Mini Pro	ATEM Mini Pro ISO	ATEM Mini Extreme	ATEM Mini Extreme ISO
Connections				
Video Inputs: 4 (4x HDMI Type A, 10-bit HD switchable w/Frame Rate and Format Conversion, Re-Sync)			Video Inputs: 8 (8x HDMI Type A, 10-bit HD switchable w/Frame Rate and Format Conversion, Re-Sync)	
Main HDMI Out: 1			Main HDMI Out: 2	
Audio Inputs: 2 x 3.5mm Stereo Mini Jack				
Audio Outputs: 0 (embedded audio only)			Audio Outputs: 1x 3.5mm stereo mini jack	
Direct Streaming				
No ATEM Mini Extreme ISO supports direct live streaming using Real Time Messaging Protocol (RTMP) over ethernet or a shared 4G/5G mobile internet connection over USB-C.				
USB Webcam Out				
Yes				
Recording				
No	USB-C 3.1 Gen 1 port can record directly to external media. Supports media formatted ExFAT (Win/Mac) or HFS+ (Mac).	USB-C 3.1 Gen 1 expansion port can record directly to external media. Supports media formatted ExFAT (Windows/Mac) or HFS+ (Mac) file system. 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.	USB-C 3.1 Gen 1 port can record directly to external media. Supports media formatted ExFAT (Win/Mac) or HFS+ (Mac).	USB-C 3.1 Gen 1 expansion port can record directly to external media. Supports media formatted ExFAT (Windows/Mac) or HFS+ (Mac) file system. 8 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. 10 x 2 channel audio inputs recorded as separate 24-bit 48KHz .wav files. Including 2 x analog 2 channel audio inputs and 8 x HDMI 2 channel embedded audio inputs.
Multi View Monitoring				
No	HD. 1 x 10 Views including left right configurable Program/Preview, 4 HDMI inputs, Media Player, Streaming Status, Recording Status and Audio Meters.		HD. 16, 13, 10, 7 or 4 Views including configurable Program/Preview, SuperSource, 8 HDMI inputs, Media Player, Streaming Status, Recording Status and Audio Meters.	
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 Sampling: 4:2:2 YUV				
Color Precision: 10-bit				
Color Space: Rec 709				
HDMI Input Resolutions from Computers: 1280 x 720p 50Hz, 59,94Hz a 60 Hz, 1920 x 1080p 23,98, 24, 25, 29,97,30, 50, 59,94 a 60 Hz, 1920 x 1080i 50 and 59,94 Hz 60Hz				
Colorspace Conversion: Hardware-based real time.				
Audio Mixer				
6 input x 2 channel mixer.			11 input x 2 channel mixer.	
Selectable On/Off/Audio-Follow-Video per channel plus separate gain control per channel.				
Level and Peak metering. Plus Fairlight audio: Compressor, Gate, Limiter, 6 bands of parametric EQ. Master gain control.				
Video Effects and Transitions				
Upstream Keyers: 1			Upstream Keyers: 4	
Downstream Keyers: 1			Downstream Keyers: 2	
Advanced Chroma Keyers: 1			Advanced Chroma Keyers: up to 4 (Advanced Chroma Keyer)	
Linear/Luma Keyers: 2			Linear/Luma Keyers: up to 4	
Transition Keyer: DVE only.				
Total Number of Layers: 5			Total Number of Layers: 9	
Pattern Generators: 1			Pattern Generators: 5	
Color Generators: 2			DVE with Borders and Drop Shadow: 2	
DVE with Borders and Drop Shadow: 1				
Interface: Minimum monitor resolution of 1366 x 768.				
Media Player				
Media Players: 1			Media Players: 2	
Channels: Fill and Key			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: compatible with ATEM 1 M/E Advanced Panel and ATEM 2 M/E Broadcast Panel. Ethernet supports direct 10/100 BaseT connection between panel and chassis, or via network. Also supports direct USB-C connection.		Control Panel: Built in control panel. Software control panel included. Supports optional hardware panel: compatible with ATEM 1 M/E Advanced Panel, ATEM 2 M/E Advanced Panel and ATEM 4 M/E Advanced Panel. Ethernet supports direct 10/100 BaseT connection between panel and chassis, or via network. Also supports direct USB-C connection. 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.		
Computer Interface and Ethernet				
10/100 BaseT	10/100/1000 BaseT			
USB Type-C 2.0	USB Type-C 3.1 Gen 1			