





Blackmagic Design Product Comparison ATEM chart (8 to 40 Inputs)

Image				
Product Name	ATEM Production Studio 4K	ATEM 1 M/E Production Studio 4K	ATEM 2 M/E Production Studio 4K	ATEM 4 M/E Broadcast Studio 4K
Max Resolution/Framerate	2160p29.97	2160p29.97	2160p29.97	2160p59.94
Total Inputs	8	10+1	20+1	20
SDI In	4	10	20	20
HDMI In	5	1**	1**	0
Total Outputs	6	10	16	13
HDMI out	2	2	3	-
-Multiview HDMI Out	1	1	2	-
-Program HDMI Out	1	1	1	-
SDI Out	4	8	13	13
-Multiview SDI Out	1	1	2	2
-Program SDI Out	2	3	3 & 1 M/E2	3
-Preview Out	Yes*	1	1	1
-Auxiliary Out	1	3	6	6
Audio In	Embedded Input SDI/HDMI Audio 2 x XLR. 2 x RCA	2 Ch embedded audio on all inputs 2 x XLR. 2 x RCA	2 Ch embedded audio on all SDI inputs 2 x XLR. 2 x RCA	2 Ch embedded audio on all SDI inputs 2 x XLR. 2 x RCA
Audio Out	Embedded SDI & HDMI Audio 2 x XLR Program	2 Ch embedded into SDI output on all outputs 2 x XLR Program	2 Ch embedded into SDI output on all outputs 2 x XLR Program 2 x XLR Monitor	2 Ch embedded into SDI output on all outputs 2 x XLR Program 2 x XLR Monitor
Frame Rate and Format Converter on all inputs	no	no	no	no
Down Converted SDI Program Output	1 x 10-bit HD (Ultra HD 4K to HD)	1 x 10-bit (Ultra HD 4K to HD)	1 x 10-bit (Ultra HD 4K to HD)	1 x 10-bit (From Ultra HD 4K to HD)
Talkback	no	no	no	no
Webcam Output	no	no	no	no
Streaming Encoder Built-in	no	no	no	no
Upstream Keyers	1	4	4	16
Downstream Keyers	2	2	2	2
Chroma Keyer	1	4	4	16
SuperSource	No	No	Yes	YES
DVE	No	1	1	1
Total Number of Layers	4	8	13	26
Media Players	2	2	2	4
Clip Store	-	2	2	2
Still Store	20	32	32	64
Video Input/output Standards	SD Video Standards 525i59.94 NTSC, 625i50 PAL HD Video Standards 720p50, 720p59.94 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94 1080i50, 1080i59.94 Ultra HD Video Standards 2160p23.98, 2160p24, 2160p25, 2160p29.97	SD Video Standards 525i59.94 NTSC, 625i50 PAL HD Video Standards 720p50, 720p59.94 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94 1080i50, 1080i59.94 Ultra HD Video Standards 2160p23.98, 2160p24, 2160p25, 2160p29.97	SD Video Standards 525i59.94 NTSC, 625i50 PAL HD Video Standards 720p50, 720p59.94 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94 1080i50, 1080i59.94 Ultra HD Video Standards 2160p23.98, 2160p24, 2160p25, 2160p29.97	SD Video Standards None. HD Video Standards 720p50, 720p59.94, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94 1080i50, 1080i59.94 Ultra HD Video Standards 2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p50, 2160p59.94

* Dapat dipilih 1 sistem dalam setiap port nya

** Dapat dipilih/ganti disistem saat ingin mengaktifkannya