



Bezeichnung	<u>ATEM 1 M/E Production Studio 4K</u>	<u>ATEM 2 M/E Production Studio 4K</u>	<u>ATEM 4 M/E Broadcast Studio 4K</u>	<u>ATEM Constellation 8K (UHD 4K Mode)</u>	<u>ATEM Constellation 8K (8K Mode)</u>
Artikelnummer	12249993	12252134	12273638	12282570	12282570
Max Auflösung/Framerate	2160p30	2160p30	2160p60	2160p60	4320p60
Inputs gesamt	10 + 1	20 + 1	20	40	10
SDI In	10	20	20	40	10
HDMI In	1	1	0	-	-
Up/Down/Cross - alle In	-	-	-	Yes	Yes
Outputs gesamt	10	16	13	28	7
SDI Out	-	-	-	-	-
Multiview SDI Out	1	2	2	4	1
Multiview HDMI Out	1	2	-	-	-
Programm SDI Out	3	4	4	-	-
Programm HDMI Out	1	1	-	-	-
Preview Out	1	1	1	-	-
Auxiliary Out	3	6	6	24	6
Audio In	10x Embedded SDI audio	20x Embedded SDI audio	20x Embedded SDI audio	40x Embedded SDI audio	10x Embedded SDI audio
	1x Embedded HDMI audio	1x Embedded HDMI audio	2x XLR	1x BNC MADI	1x BNC MADI
	2x XLR	2x XLR	L/R RCA		
Audio Out	Embedded SDI audio	Embedded SDI audio	Embedded SDI audio	Embedded SDI audio	Embedded SDI audio
	L/R RCA	Embedded HDMI audio	4x XLR	2x BNC MADI	2x BNC MADI
	2x XLR	4x XLR			
Upstream Keyers	4	4	16	16	4
Chroma Keyer	Chroma Key	Chroma Key	Advanced Chroma Key	Advanced Chroma Key	Advanced Chroma Key
Downstream Keyers	2	2	2	4	2
Media Players	2	2	4	4	1
Clip Speicher	2	2	2	4	2
Clip Länge	1600 frames in 720 HD	1600 frames in 720 HD	3200 frames in 720 HD	3200 frames in 720 HD	3200 frames in 720 HD
	720 frames in 1080 HD	720 frames in 1080 HD	1440 frames in 1080 HD	1600 frames in 1080 HD	1600 frames in 1080 HD

	180 frames in Ultra HD	180 frames in Ultra HD	360 frames in Ultra HD	400 frames in Ultra HD	400 frames in Ultra HD
					100 frames in 8K
<b>Still Speicher</b>	32	32	64	64	64
<b>Speichertyp</b>	Volatile	Volatile	Volatile	Non-Volatile	Non-Volatile
<b>Videonormen</b>	HD Video Standards	HD Video Standards	HD Video Standards	HD Video Standards	8K Video Standards
	720p50, 720p59.94 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94 1080i50, 1080i59.94	720p50, 720p59.94 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94 1080i50, 1080i59.94	720p50, 720p59.94, 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94 1080i50, 1080i59.94	720p50, 720p59.94 1080i50, 1080i59.94 1080p23.98, 1080p24, 1080p25, 1080p29.97, 1080p50, 1080p59.94	4320p23.98, 4320p24, 4320p25, 4320p29.97, 4320p50, 4320p59.94
	Ultra HD Video Standards	Ultra HD Video Standards	Ultra HD Video Standards	Ultra HD Video Standards	
	2160p23.98, 2160p24, 2160p25, 2160p29.97	2160p23.98, 2160p24, 2160p25, 2160p29.97	2160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p50, 2160p59.94	160p23.98, 2160p24, 2160p25, 2160p29.97, 2160p50, 2160p59.94	