

Atlona AT-OME-ST31 3x1 4K/UHD HDBaseT Switcher with HDMI/USB-C and POE (Audio Embedding)

Connectors, Controls, and Indicators				
HDMI IN	2 – Type A, 19-pin female			
HDMI OUT	1 – Type A, 19-pin female			
USB-C*	1 – USB Type-C v3.1, 24-pin female			
HDBaseT OUT	1 – RJ45			
LAN	1 – RJ45			
RS-232	1 – 3-pin captive screw (bidirectional)			
AUDIO IN	1 – 3.5 mm, unbalanced 2-channel			
IP MODE button	1 – momentary, tact-type			
RESET button	1 – momentary, tact-type			
DC 24V	1 – 4-pin, locking			
PWR indicator	1 – LED, green			
LINK indicator	1 – LED, amber			
Control Buttons: INPUT, DISPLAY, IP MODE, RESET	4 – momentary, tact-type			
Input Indicators: USB-C, HDMI IN 1, HDMI IN 2	3 – LED, green			
Video				
UHD/HD/SD	4096x2160@60/50/30/25/24Hz*, 3840x2160@60/50/30/25/24Hz*, 1080p@60/59.9/50/30/29.97/25/24/23.98Hz, 1080i@60/59.94/50Hz, 720p@60/59.94/50Hz, 576p@50Hz, 576i@50Hz, 480p@60/59.96Hz, 480i@60Hz			
VESA	2560x1600, 2048x1536, 1920x1200, 1680x1050, 1600x1200, 1440x900, 1400x1050, 1280x1024, 1280x800, 1366x768, 1360x768, 1152x864, 1024x768, 800x600, 640x480			
USB-C	Up to 4K/UHD @ 60Hz			
Color Space	YUV, RGB			
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0			
Color Depth	8-bit, 10-bit, 12-bit			
HDR	HDR10, Hybrid-Log Gamma (HLG), and Dolby® Vision™ @ 60Hz; HDMI inputs only			
Audio				
Pass-Through Formats	PCM, Dolby® Digital, Dolby Digital Plus™, Dolby TrueHD, Dolby Atmos®, DTS® Digital Surround™, DTS-HD Master Audio™, and DTS:X®			
Sample Rate	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz			
Bit Rate	24 Mbits/s max			
Resolution / Distance	4K/UHD – Feet / Meters		1080p – Feet / Meters	
HDMI IN/OUT	15	5	30	10
CAT5e	295	90	330	100
CAT6/6a/7	330	100	330	100
Signal				
Maximum TMDS Clock	600 MHz (300 MHz over HDBaseT)			
HDMI	HDMI 2.0*			
HDBaseT	10 Gbps †			
CEC Support	Yes			
HDCP	2.2			
USB				
USB-C Device Charging Capability	60 W @ 20 V / 3 A, 36 W @ 12 V / 3 A, and 15 W @ 5 V / 3 A			
IP				
Protocols	DHCP, HTTP, Telnet			

Ethernet Speed	10/100 Mbps	
Addressing	DHCP, static	
Temperature	Fahrenheit	Celsius
Operating	32 to 113	0 to 45
Storage	-4 to 140	-20 to 60
Humidity (RH)	20% to 60%, non-condensing	
Power		
Total power consumption	77.52 W	
Type-C	60 W	
System consumption	9.68 W	
Idle	8.1 W	
PSE	9.42 W	
Supply	Input: 100 – 240 V AC, 50/60 Hz Output: 24 V / 6.25 A DC	
Dimensions	Inches	Millimeters
H x W x D	1.02 x 8.62 x 5.98	26 x 219 x 152
Weight	Pounds	Kilograms
Device	1.95	0.88
Certification		
Unit	CE, FCC, UL	