

Atlona AT-OME-EX-KIT HDMI Over HDBaseT (Transmitter/Receiver) with USB/Control and PoE

Video			
HDMI Specification	HDMI 2.0, HDCP 2.2		
TMDS Clock	300 MHz		
UHD/HD	4096x2160(DCI)@60*/30/24 Hz, 3840x2160(UHD)@60*/50/24/25/30 Hz, 1080p@23.98/24/25/29.97/30/50/59.94/60 Hz, 1080i@25/29.97/30 Hz, 720p@30/50/59.94/60 Hz		
VESA	2560x2048, 2560x1600, 2048x1536, 1920x1200, 1680x1050, 1600x1200, 1600x900, 1440x900, 1400x1050, 1366x768, 1360x768, 1280x1024, 1280x800 1280x768, 1152x768, 1024x768, 800x600, 640x480		
Color Space	YUV, RGB		
Chroma Subsampling	4:4:4, 4:2:2, 4:2:0		
Color Depth	8-bit, 10-bit, 12-bit		
* 4K/UHD @ 60 Hz only supports 4:2:0.			
Audio			
Pass-through	PCM 2Ch, LPCM 5.1, LPCM 7.1, Dolby® Digital, DTS 5.1, Dolby Digital Plus, Dolby TrueHD, Dolby Atmos®, DTS®, DTS-HD Master Audio™, DTS:X		
Sample Rate	32 kHz, 44.1 kHz, 48 kHz, 88.2 kHz, 96 kHz, 176.4 kHz, 192 kHz		
Bit Depth	Up to 24-bit		
Control			
CEC	Pass-through		
RS-232	Pass-through from control system to sink device; supports baud rates from 2400 to 115200		
IR	Pass-through from control system to sink device		
IP	Pass-through from control system to sink device up to 100 Mbps over HDBaseT		
Connectors			
HDMI IN	1 – Type A, 19-pin female (transmitter)		
HDMI OUT	1 – Type A, 19-pin female (receiver)		
FW	1 – mini-USB (transmitter / receiver)		
HDBaseT IN	1 – RJ45 (transmitter)		
HDBaseT OUT	1 – RJ45 (receiver)		
HOST	1 – USB Type-B; USB 2.0 (transmitter)		
DEVICE	2 – USB Type-A; USB 2.0 (transmitter / receiver)		
LAN	1 – RJ45, 10/100/1000 Mbps (transmitter / receiver)		
RS-232 / IR	1 – captive screw, 4-pin (transmitter / receiver)		
DC 48V	1 – 3-pin DIN (receiver)		
Indicators and Controls			
PWR LED indicator	1 – LED, green		
LINK LED indicator	1 – LED, yellow		
Resolution / Distance	4K/UHD – Feet / Meters		1080p – Feet / Meters
HDMI IN/OUT	15	5	30 10
CAT5e/6	295	90	330 100
CAT6a/7	330	100	330 100
Power			
Consumption	40.15 W		
External Power Supply	Input: 100 – 240 V AC, 50/60 Hz Output: 48 V, 0.83 A DC		
Safety	CE, FCC, cULus		
Environmental			
Operating Temperature	0° to 122° F 0° – 50° C		

Storage Temperature	-4° to +140° F -20° to +60° C
Operating Humidity (RH)	+20 to +90%, non-condensing
Chassis	
Dimensions (H x W x D)	TX: 1.02 in x 4.29 in x 5 in 26 mm x 109 mm x 127 mm RX: 1.02 in x 8.62 in x 5.98 in 26 mm x 219 mm x 152 mm
Weight	TX: 0.89 lb, 406 g RX: 1.91 lb, 870 g
Safety	CE, RoHS, FCC