

**Aten VE3912T DisplayPort/HDMI/VGA Switch with HDBaseT Transmitter (PoH PD)**

Video Input	
Interfaces	1 x HDMI Type A Female (Black) 1 x HDB-15 (VGA) Female (Blue) 1 x DisplayPort Female (Black)
Impedance	HDMI: 100 $\Omega$ HDB-15 (VGA): 75 $\Omega$ DisplayPort: 100 $\Omega$
Max. Distance	HDMI: 5m at 4K@30Hz HDB-15(VGA): 10m at 1920x1600 DisplayPort: 3m at 4K@30Hz
Video Output	
Interfaces	1 x HDMI Type A Female (Black)
Impedance	100 $\Omega$
Max. Distance	HDMI: 5m at 4K@30Hz; 3m at 4K@60Hz (4:4:4)
Video	
Max. Data Rate	10.2Gbps (3.4Gbps per lane)
Max. Pixel Clock	340 MHz
Compliance	HDMI (3D, Deep Color, 4K) HDCP2.2 Compatible; Consumer Electronics Control (CEC)
Max. Resolutions / Distance	HDMI/DisplayPort: Up to 4K@70m (Cat 5e/6) / 100m (Cat 6a/ATEN 2L-2910 Cat6); 1080p@100m (Cat 5e/6/6a) VGA: Up to 1920x1200 & 1600x1200@70m (Cat 5e/6) / 100m (Cat 6a/ATEN 2L-2910 Cat6); 1920x1080@100m (Cat 5e/6/6a)  *4K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)
Audio	
Input	1 x HDMI Type A Female (Black) 1 x Mini Stereo Jack Female (Green) 1 x DisplayPort Female (Black)
Connectors	
Unit To Unit	1 x RJ-45 Female (Silver), HDBaseT
Power	1 x DC Jack (Black) with locking or 1 x RJ-45 Female (POH)
Control	
RS-232	Connector: 1 x Terminal Block, 3 pole; Type: DTE Baud Rate: 115200, Data Bits:8, Stop Bits:1, no parity and flow control
IR	1 x Mini Stereo Jack Female (Black)
Switches	
Video Input Port Selection	1 x Push Button - AUTO, DisplayPort, HDMI and VGA
Long Reach Mode Switch	1 x Slide Switch - ON/OFF ON: Up to 150m at 1080p (max.) OFF: Up to 100m at 4K@30Hz (max.)
Firmware Upgrade	1 x Slide Switch - ON/OFF
Power Consumption	DC5V:7.02W:40BTU POH:8.77W:48BTU
Environmental	
Operating Temperature	0 - 40°C
Storage Temperature	-20 - 60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal

Weight	0.65 kg ( 1.43 lb )
Dimensions (L x W x H) with bracket	17.29 x 14.69 x 3.00 cm (6.81 x 5.78 x 1.18 in.)
Dimensions (L x W x H) without bracket	16.60 x 12.49 x 2.90 cm (6.54 x 4.92 x 1.14 in.)