

## **HDMI HDBaseT Extender with Dual Output**

#### **VE814A**

ATEN VE814A is an HDBaseT Video Extender that is capable of sending HDMI signals up to 100 m over a single Cat 5e/6/6a or ATEN 2L-2910 Cat 6 cable. Featuring dual synchronous outputs, the VE814A can transmit video signal to two remote displays and one at the local side. This HDCP 2.2-compliant extender meets the HDMI Specification, including 3D, Deep Color, the maximum data rate of (10.2 Gbps), and 4K video quality up to 100 m.

The VE814A supports RS-232 and IR signaling pass-through, allowing you to control the HDMI source device from the remote unit (VE814AR) while granting access to the HDMI display device from the local unit (VE8014AT). In addition, it supports Long Reach Mode that extends HDMI signals up to 150 m, 1080p, via a single Cat 5e/6 cable.

The VE814A is a powerful solution for where digital signage is required, such as bars, educational spaces, and public transportation stations, allowing display of identical contents at different spots.













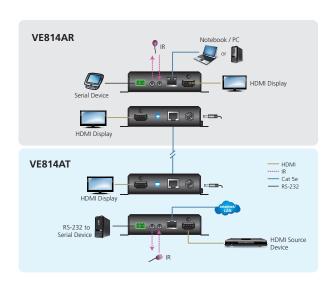






# **Features**

- Extends HDMI signals to one local and two remote displays up to 100 m over a single Cat 5e/6/6a or ATEN 2L-2910 Cat 6 cable
- HDMI (3D, Deep Color, 4K); HDCP 2.2 compatible
- Superior video quality:
  - 4K up to 100 m
  - 1080p up to 150 m when in HDBaseT Long Reach Mode
- Extends Ethernet communication using the Ethernet pass-through port
- Supports two IR channels for simultaneous IR signal transmissions, ranged from 30 KHz to 56 KHz
- ATEN EDID Technology -- when both transmitter and receiver sides are connected, VE814A adopts the EDID values of the display connected to the VE814AT for high-quality output
- RS-232 channel allows you to connect to serial terminals or serial devices, such as touch screens and barcode scanners
- Supports wide screen format
- Built-in 8 kV/15 kV ESD protection
- Plug-and-play
- Rack-mountable



### **Specifications**

Function         VE814AR         VE814AT           Video Input         Interfaces         N/A         1 x HDMI Type A Female (Black)           Impedance         N/A         100           Max. Distance         N/A         1.8 m           Video Output         Interfaces         2 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Impedance         100 Ω         100 Ω           Video         340 MHz           Max. Data Rate         10.2Gbps (3.4Gbps per lane)           Max. Pixel Clock         340 MHz           Compliance         HDMI (3D, Deep Color, 4K); HDCP Compatible Consumer Electronics Control (CEC)           Max. Resolutions / Distance         Up to 4K@70m (Cat 5e/6) / 100m (Cat 5e/6/6a)           Max. Resolutions / Distance         1880p@100m (Cat 5e/6) / 100m (Cat 5e/6/6a)           Max. Resolutions / Distance         4096 x 2160 / 3840 x 2160 @ 30Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)           Audio         Input         N/A         1 x HDMI Type A Female (Black)           Output         2 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Connectors         Unit To Unit         1 x RJ-45 Female         1 x RJ-45 Female           Power         1 x DC Jack (Black) with locking         1 x DC Jack (Black) with locking         <				
Interfaces	Function	VE814AR	VE814AT	
Impedance   N/A   100	Video Input			
Max. DistanceN/A1.8 mVideo OutputInterfaces2 x HDMI Type A Female (Black)1 x HDMI Type A Female (Black)Impedance100 Ω100 ΩVideo100 Ω100 ΩMax. Data Rate10.2Gbps (3.4Gbps per lane)Max. Pixel Clock340 MHzComplianceHDMI (3D, Deep Color, 4K); HDCP Compatible Consumer Electronics Control (CEC)Wax. Resolutions / DistanceUp to 4K@70m (Cat 5e/6) / 100m (Cat 5e/6/6a) *4K supported: 1080p@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 InputN/A1 x HDMI Type A Female (Black)Output2 x HDMI Type A Female (Black)1 x HDMI Type A Female (Black)Output2 x HDMI Type A Female (Black)1 x RJ-45 FemalePower1 x DC Jack (Black) with locking1 x DC Jack (Black) with lockingConnectorsUnit To Unit1 x RJ-45 Female1 x DC Jack (Black) with lockingControlRS-232Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow controlIR2 x Mini Stereo Jack Female (Black)2 x Mini Stereo Jack FemaleSwitchesLong Reach Mode Switch1 x Slide Switch - ON/OFF1 x Slide Switch - ON/OFFFirmware Upgrade1 x Slide Switch - ON/OFF1 x Slide Switch - ON/OFFPower ConsumptionDC 5V, 7.9WDC 5V, 5.1WEnvironmentalOperating Temperature-20° to 60° C-20° to 60° CHumidity0 - 80% RH, Non-Condensing	Interfaces	N/A	1 x HDMI Type A Female (Black)	
Video Output         Interfaces         2 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Impedance         100 Ω         100 Ω           Video         340 MHz           Max. Pixel Clock         340 MHz           Compliance         HDMI (3D, Deep Color, 4K); HDCP Compatible Consumer Electronics Control (CEC)           Max. Resolutions / Distance         Up to 4K@70m (Cat 5e/6) / 100m (Cat 5e/6/6a) / 100m (Cat 5e/6/6a) / 100m (Cat 5e/6/6a) / 44K supported: 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)           Audio         Input         N/A         1 x HDMI Type A Female (Black)           Output         2 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Connectors         Unit To Unit         1 x RJ-45 Female         1 x RJ-45 Female (Black)           Power         1 x DC Jack (Black) with locking         1 x DC Jack (Black) with locking           Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control           IR         2 x Mini Stereo Jack Female (Black) (Black)         2 x Mini Stereo Jack Female (Black)           Ethernet         1 x RJ-45 Female         1 x RJ-45 Female           Switches         1 x Slide Switch - ON/OFF (Black)         1 x Slide Switch - ON/OFF (Black)           Long Reach Mode Switc	Impedance	N/A	100	
Interfaces	Max. Distance	N/A	1.8 m	
Impedance	Video Output			
Video         Max. Data Rate         10.2Gbps (3.4Gbps per lane)           Max. Pixel Clock         340 MHz           Compliance         HDMI (3D, Deep Color, 4K); HDCP Compatible Consumer Electronics Control (CEC)           Max. Resolutions / Distance         Up to 4K@70m (Cat 5e/6) / 100m (Cat 6a/ATEN 2L-2910 Cat6); 1080p@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         N/A         1 x HDMI Type A Female (Black)           Output         2 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Connectors         Unit To Unit         1 x RJ-45 Female         1 x RJ-45 Female           Power         1 x DC Jack (Black) with locking         1 x DC Jack (Black) with locking           Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control           IR         2 x Mini Stereo Jack Female (Black)         2 x Mini Stereo Jack Female (Black)           Ethernet         1 x RJ-45 Female         1 x RJ-45 Female           Switches         1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF Firmware Upgrade         1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF Power Consumption           Environmental         Operating Temperature         -20° to 60° C - 20° to	Interfaces	2 x HDMI Type A Female (Black)	1 x HDMI Type A Female (Black)	
Max. Data Rate         10.2Gbps (3.4Gbps per lane)           Max. Pixel Clock         340 MHz           Compliance         HDMI (3D, Deep Color, 4K); HDCP Compatible Consumer Electronics Control (CEC)           Wax. Resolutions / Distance         Up to 4K@70m (Cat 5e/6) / 100m (Cat 5e/6/6a) *4K supported: 1080p@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         N/A         1 x HDMI Type A Female (Black)           Output         2 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Connectors         Unit To Unit         1 x RJ-45 Female         1 x RJ-45 Female           Power         1 x DC Jack (Black) with locking         1 x DC Jack (Black) with locking           Control         RS-232         Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control           IR         2 x Mini Stereo Jack Female (Black)         2 x Mini Stereo Jack Female (Black)           Ethernet         1 x RJ-45 Female         1 x RJ-45 Female           Switches         1 x Slide Switch - ON/OFF         1 x Slide Switch - ON/OFF           Firmware Upgrade         1 x Slide Switch - ON/OFF         1 x Slide Switch - ON/OFF           Power Consumption         DC 5V, 7.9W         DC 5V, 5.1W           Environmental         Operating Tempera	Impedance	100 Ώ	100 Ώ	
Max. Pixel Clock         340 MHz           Compliance         HDMI (3D, Deep Color, 4K); HDCP Compatible Consumer Electronics Control (CEC)           Wax. Resolutions / Distance         Up to 4K@70m (Cat 5e/6) / 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         N/A         1 x HDMI Type A Female (Black)           Output         2 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Connectors         Unit To Unit         1 x RJ-45 Female         1 x RJ-45 Female           Power         1 x DC Jack (Black) with locking         1 x DC Jack (Black) with locking           Control         Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control           IR         2 x Mini Stereo Jack Female (Black) (Black)         2 x Mini Stereo Jack Female (Black)           Ethernet         1 x RJ-45 Female         1 x RJ-45 Female           Switches         1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF Firmware Upgrade         1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF Power Consumption           Environmental         Operating Temperature         -20° to 60° C	Video			
Compliance	Max. Data Rate	10.2Gbps (3.4Gbps per lane)		
Consumer Electronics Control (CEC)	Max. Pixel Clock	340 MHz		
Consumer Electronics Control (CEC)   Up to 4K@70m (Cat 5e/6) / 100m (Cat 5e/6/ATEN 2L-2910 Cat6);   1080p@100m (Cat 5e/6/6)   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)	Cli	HDMI (3D, Deep Color, 4K); HDCP Compatible		
Max. Resolutions / Distance         1080p@100m (Cat 5e/6/6a) *4K supported: *4K supported: *4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); *4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)           Audio         Input         N/A         1 x HDMI Type A Female (Black)           Output         2 x HDMI Type A Female (Black)         1 x HDMI Type A Female (Black)           Connectors         Unit To Unit         1 x RJ-45 Female         1 x RJ-45 Female           Power         1 x DC Jack (Black) with locking         1 x DC Jack (Black) with locking           Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control           IR         2 x Mini Stereo Jack Female (Black)         2 x Mini Stereo Jack Female (Black)           Ethernet         1 x RJ-45 Female         2 x Mini Stereo Jack Female           Switches         1 x RJ-45 Female         1 x RJ-45 Female           Long Reach Mode Switch         1 x Slide Switch - ON/OFF         1 x Slide Switch - ON/OFF           Firmware Upgrade         1 x Slide Switch - ON/OFF         1 x Slide Switch - ON/OFF           Power Consumption         DC 5V, 7.9W         DC 5V, 5.1W           Environmental         Operating Temperature         -20° to 60° C         -20° to 60° C           Storage Temperature         -20° to 60° C         -20° to 60° C           Humidity         0 - 80% RH,			nics Control (CEC)	
*4K supported: Distance  *4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)  *Audio  Input  Input  N/A  1 x HDMI Type A Female (Black) Output  2 x HDMI Type A Female (Black) 1 x HDMI Type A Female (Black)  Unit To Unit 1 x RJ-45 Female Power 1 x DC Jack (Black) with locking  **Connectors  Unit To Unit 1 x RJ-45 Female Power 1 x DC Jack (Black) with locking  **Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control  IR  2 x Mini Stereo Jack Female (Black) (Black) (Black) (Black)  **Ethernet 1 x RJ-45 Female 1 x RJ-45 Female 5 **Witches  Long Reach Mode Switch 1 x Slide Switch - ON/OFF Firmware Upgrade 1 x Slide Switch - ON/OFF Firmware Upgrade 1 x Slide Switch - ON/OFF Firmware Upgrade 0 t x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF  **Power Consumption DC 5V, 7.9W DC 5V, 5.1W  **Environmental Operating Temperature -20° to 60° C -20° to 60° C -20° to 60° C -20° to 60° C Humidity 0 - 80% RH, Non-Condensing 0 - 80% RH, Non-Condensing		Up to 4K@70m (Cat 5e/6) / 100m (Cat 6a/ATEN 2L-2910 Cat6);		
*4K supported:  4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0);  4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)  **Audio**  Input	May Posalutions /	1080p@100m	n (Cat 5e/6/6a)	
## 4096 x 2160 / 3840 x 2160 @ 60Hz (4:2:0); ## 4096 x 2160 / 3840 x 2160 @ 30Hz (4:4:4)  ## Audio				
Audio Input N/A 1 x HDMI Type A Female (Black) Output 2 x HDMI Type A Female (Black) 1 x HDMI Type A Female (Black) Output 2 x HDMI Type A Female (Black) 1 x HDMI Type A Female (Black) Connectors Unit To Unit 1 x RJ-45 Female 1 x RJ-45 Female Power 1 x DC Jack (Black) with locking 1 x DC Jack (Black) with locking  Control  RS-232 Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control IR 2 x Mini Stereo Jack Female (Black) (Black) Ethernet 1 x RJ-45 Female 1 x RJ-45 Female  Switches Long Reach Mode Switch 1 x Slide Switch - ON/OFF Firmware Upgrade 1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF Firmware Upgrade 1 x Slide Switch - ON/OFF Power Consumption DC 5V, 7.9W DC 5V, 5.1W  Environmental Operating Temperature 0° to 40° C -20° to 60° C Humidity 0 - 80% RH, Non-Condensing 0 - 80% RH, Non-Condensing	Distance			
Input N/A 1 x HDMI Type A Female (Black) Output 2 x HDMI Type A Female (Black) 1 x HDMI Type A Female (Black)  Connectors Unit To Unit 1 x RJ-45 Female 1 x RJ-45 Female Power 1 x DC Jack (Black) with locking 1 x DC Jack (Black) with locking  Control  RS-232 Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control  IR 2 x Mini Stereo Jack Female (Black) (Black) Ethernet 1 x RJ-45 Female 2 x Mini Stereo Jack Female (Black) Ethernet 1 x RJ-45 Female 1 x RJ-45 Female  Switches Long Reach Mode Switch 1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF Firmware Upgrade 1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF Power Consumption DC 5V, 7.9W DC 5V, 5.1W  Environmental Operating Temperature 0° to 40° C -20° to 60° C -20° to 60° C Humidity 0 - 80% RH, Non-Condensing 0 - 80% RH, Non-Condensing				
Output 2 x HDMI Type A Female (Black) 1 x HDMI Type A Female (Black)  Connectors  Unit To Unit 1 x DC Jack (Black) with locking 1 x DC Jack (Black) with locking  Control  RS-232	Audio			
Connectors  Unit To Unit  1 x RJ-45 Female  Power  1 x DC Jack (Black) with locking  1 x DC Jack (Black) with locking  Control  RS-232  Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control  IR  2 x Mini Stereo Jack Female (Black)  Ethernet  1 x RJ-45 Female  1 x RJ-45 Female  Switches  Long Reach Mode Switch 1 x Slide Switch - ON/OFF Firmware Upgrade 1 x Slide Switch - ON/OFF Firmware Upgrade 1 x Slide Switch - ON/OFF  Power Consumption  DC 5V, 7.9W  DC 5V, 5.1W  Environmental  Operating Temperature  0° to 40° C  Storage Temperature -20° to 60° C -20° to 60° C Humidity  0 - 80% RH, Non-Condensing 0 - 80% RH, Non-Condensing	Input			
Unit To Unit 1 x RJ-45 Female 1 x RJ-45 Female Power 1 x DC Jack (Black) with locking 1 x DC Jack (Black) with locking  Control  RS-232 Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control  IR 2 x Mini Stereo Jack Female (Black) (Black) Ethernet 1 x RJ-45 Female 1 x RJ-45 Female  Switches  Long Reach Mode Switch 1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF Firmware Upgrade 1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF Power Consumption DC 5V, 7.9W DC 5V, 5.1W  Environmental Operating Temperature 0° to 40° C 0° to 40° C Storage Temperature -20° to 60° C -20° to 60° C Humidity 0 - 80% RH, Non-Condensing 0 - 80% RH, Non-Condensing	Output	2 x HDMI Type A Female (Black)	1 x HDMI Type A Female (Black)	
Power         1 x DC Jack (Black) with locking         1 x DC Jack (Black) with locking           Control           RS-232         Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control           IR         2 x Mini Stereo Jack Female (Black)         2 x Mini Stereo Jack Female (Black)           Ethernet         1 x RJ-45 Female         1 x RJ-45 Female           Switches         Long Reach Mode Switch         1 x Slide Switch - ON/OFF           Firmware Upgrade         1 x Slide Switch - ON/OFF         1 x Slide Switch - ON/OFF           Power Consumption         DC 5V, 7.9W         DC 5V, 5.1W           Environmental         Operating Temperature         0° to 40° C         0° to 40° C           Storage Temperature         -20° to 60° C         -20° to 60° C           Humidity         0 - 80% RH, Non-Condensing         0 - 80% RH, Non-Condensing	Connectors			
RS-232	Unit To Unit		1 x RJ-45 Female	
RS-232  Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200, Data Bits:8, Stop Bits:1, no parity and flow control  R  2 x Mini Stereo Jack Female (Black) Ethernet  1 x RJ-45 Female  Switches  Long Reach Mode Switch 1 x Slide Switch - ON/OFF Firmware Upgrade 1 x Slide Switch - ON/OFF Firmware Upgrade 1 x Slide Switch - ON/OFF  Power Consumption  DC 5V, 7.9W  DC 5V, 5.1W  Environmental Operating Temperature 0° to 40° C Storage Temperature -20° to 60° C -20° to 60° C Humidity 0 - 80% RH, Non-Condensing 0 - 80% RH, Non-Condensing	Power	1 x DC Jack (Black) with locking	1 x DC Jack (Black) with locking	
Data Bits:8, Stop Bits:1, no parity and flow control     IR	Control			
IR 2 x Mini Stereo Jack Female (Black) (Black)  Ethernet 1 x RJ-45 Female 1 x RJ-45 Female  Switches  Long Reach Mode Switch 1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF  Firmware Upgrade 1 x Slide Switch - ON/OFF 1 x Slide Switch - ON/OFF  Power Consumption DC 5V, 7.9W DC 5V, 5.1W  Environmental  Operating Temperature 0° to 40° C 0° to 40° C  Storage Temperature -20° to 60° C -20° to 60° C  Humidity 0 - 80% RH, Non-Condensing 0 - 80% RH, Non-Condensing	DC 222	Connector: 1 x Terminal Block, 3 pole; Baud Rate: 19200,		
R	N3-727	Data Bits:8, Stop Bits:1, no parity and flow control		
(Black) (Black) (Black)	IR	2 x Mini Stereo Jack Female	2 x Mini Stereo Jack Female	
Switches       Long Reach Mode Switch     1 x Slide Switch - ON/OFF     1 x Slide Switch - ON/OFF       Firmware Upgrade     1 x Slide Switch - ON/OFF     1 x Slide Switch - ON/OFF       Power Consumption     DC 5V, 7.9W     DC 5V, 5.1W       Environmental       Operating Temperature     0° to 40° C     0° to 40° C       Storage Temperature     -20° to 60° C     -20° to 60° C       Humidity     0 - 80% RH, Non-Condensing     0 - 80% RH, Non-Condensing				
Long Reach Mode Switch         1 x Slide Switch - ON/OFF         1 x Slide Switch - ON/OFF           Firmware Upgrade         1 x Slide Switch - ON/OFF         1 x Slide Switch - ON/OFF           Power Consumption         DC 5V, 7.9W         DC 5V, 5.1W           Environmental         Operating Temperature         0° to 40° C         0° to 40° C           Storage Temperature         -20° to 60° C         -20° to 60° C           Humidity         0 - 80% RH, Non-Condensing         0 - 80% RH, Non-Condensing	Ethernet	1 x RJ-45 Female	1 x RJ-45 Female	
Firmware Upgrade         1 x Slide Switch - ON/OFF         1 x Slide Switch - ON/OFF           Power Consumption         DC 5V, 7.9W         DC 5V, 5.1W           Environmental         Operating Temperature         0° to 40° C         0° to 40° C           Storage Temperature         -20° to 60° C         -20° to 60° C           Humidity         0 - 80% RH, Non-Condensing         0 - 80% RH, Non-Condensing	Switches			
Power Consumption         DC 5V, 7.9W         DC 5V, 5.1W           Environmental         Operating Temperature         0° to 40° C         0° to 40° C           Storage Temperature         -20° to 60° C         -20° to 60° C           Humidity         0 - 80% RH, Non-Condensing         0 - 80% RH, Non-Condensing		1 x Slide Switch - ON/OFF	1 x Slide Switch - ON/OFF	
Environmental       Operating Temperature     0° to 40° C     0° to 40° C       Storage Temperature     -20° to 60° C     -20° to 60° C       Humidity     0 - 80% RH, Non-Condensing     0 - 80% RH, Non-Condensing				
Operating Temperature         0° to 40° C         0° to 40° C           Storage Temperature         -20° to 60° C         -20° to 60° C           Humidity         0 - 80% RH, Non-Condensing         0 - 80% RH, Non-Condensing	Power Consumption	DC 5V, 7.9W	DC 5V, 5.1W	
Storage Temperature -20° to 60° C -20° to 60° C Humidity 0 - 80% RH, Non-Condensing 0 - 80% RH, Non-Condensing	Environmental			
Humidity 0 - 80% RH, Non-Condensing 0 - 80% RH, Non-Condensing	Operating Temperature			
	Storage Temperature	-20° to 60° C	-20° to 60°C	
Planning Dunamenting	Humidity	0 - 80% RH, Non-Condensing	0 - 80% RH, Non-Condensing	
Physical Properties	Physical Properties		-	
Housing Metal Metal	Housing	Metal	Metal	
Weight 0.47 kg 0.45 kg		0.47 kg	0.45 kg	
Dimensions (L x W x H) 14.04 × 13.30 × 3.00 cm 14.04 × 13.30 × 3.00 cm	Dimensions (L x W x H)	14.04 × 12.20 × 2.00	14.04 v 12.30 v 2.00	
with bracket 14.04 x 12.30 x 3.00 cm 14.04 x 12.30 x 3.00 cm	with bracket	14.04 X 12.30 X 3.00 CM	14.04 X 12.30 X 3.00 CM	
Dimensions (L x W x H) 13.60 x 10.10 x 2.90 cm 13.60 x 10.10 x 2.90 cm	Dimensions (L x W x H)	13.60 × 10.10 × 3.00	13.60 × 10.10 × 3.00	
without bracket 13.60 X 10.10 X 2.90 cm 13.60 X 10.10 X 2.90 cm	without bracket	15.00 X 10.10 X 2.90 CM	15.00 X 10.10 X 2.90 CM	

Note: We strongly recommend that you use ATEN 2L-2910 Cat 6 cable for best product performance

Product information is subject to change without prior notice.

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#### ATEN International Co., Ltd.

3F., No.125, Sec. 2, Datong Rd., Sijhih District., New Taipei City 221, Taiwan Phone: 886-2-8692-6789 Fax: 886-2-8692-6767 www.aten.com E-mail: marketing@aten.com



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