

User's Manual

3D HDMI Extender over CAT5



Package Contents

- 3D HDMI Extender Transmitter Unit x 1
- 3D HDMI Extender Receiver Unit x 1
- Power Adapter (Set / Pc) x 1
- User's Manual x 1
- Grounding Wire x 2
- Foot Pad Set x 2
- Cat5e cable (for tests) x 1

Optional

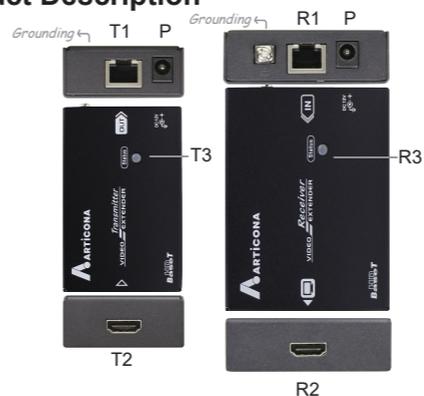
- HDMI cable

Features

- Send HDMI signal to multimedia display over CAT5e/6 cable of up to 100/70 meters
- Transmit full uncompressed HD video and audio over cable
- Extend units via low cost standard CAT5e/6 cable
- HDTV, 3D HDTV compatible
- HDCP compliant and Blu-ray ready
- Support Deep Color and HD Audio formats
- Support Phantom Power -- single power supply at either one end of two units (Tx & Rx)
- Compact size. Easy to set up; simple to install
- Ideal for hospitality (hotels, conference rooms), digital signage (airports, shopping malls), surveillance cameras, whole-home networking and point-to-point consumer applications

The final specification is the actual product based. Features and functions may be added or changed after the manual was written. Please visit our website to download the latest version of manual for reference.

1 Product Description



T1	R1	RJ-45 Jack	Use a CATx cable for connection between two units
T2	R2	HDMI connector	[T2] Connect to an HDMI source [R2] Connect to an HDMI display
T3	R3	LED Indicator	[T3] Green : Power on / Blue : Link OK [R3] Red : Power on / Blue : Link OK
P		Power Supply	Apply power to either one end of two units

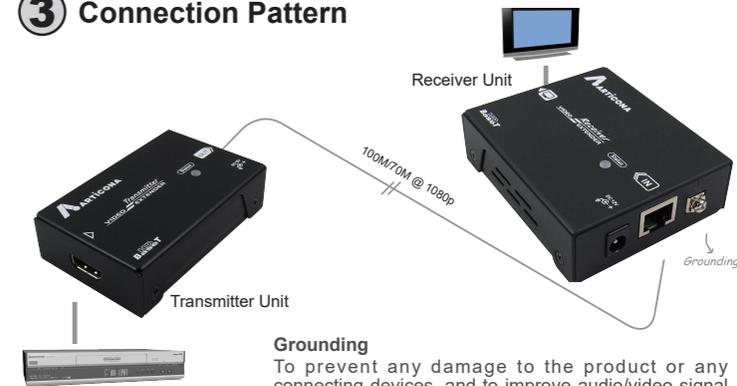
2 LED Indicator

Unit	LED	Status
Transmitter Unit		Power ON: Green / Link OK: Blue
Receiver Unit		Power ON: Red / Link OK: Blue

NOTE:

1. The system will disable the video output signal when it detects non-HDCP compliant display(s) on playing the HDCP video source. All the connected output displays MUST be HDCP compliant, when the video source is HDCP compliant.
2. The quality of the output signal will depend largely upon the quality of video source, cable, and display device used. Low-quality cables degrade the output signal causing elevated noise levels. Use the proper cable and make sure the display device can handle the resolution and refresh rate selected.

3 Connection Pattern



Grounding

To prevent any damage to the product or any connecting devices, and to improve audio/video signal quality, it is important to make sure that the extender systems are properly grounded.

4 Specifications

Model	Transmitter Unit	Receiver Unit
Input → Output	HDMI → RJ-45	RJ-45 → HDMI
LED (Link / Video status)	x 1 (Dual Color)	x 1 (Dual Color)
Video Resolution (max.)	Full HD (1080p@60Hz)	
Extension Distance	954018: 100M (1080p), 70M (4K x 2K)	
	852717: 70M (1080p), 35M (4K x 2K)	
Power Supply	DC 12V (Phantom Power)	
Enclosure	Metal	
Weight (gram)	120	195
H x W x D (mm)	22 x 52 x 80	25 x 67 x 80

* Above video resolution and extension distance are based on a single CAT5e/6 24AWG solid cable without cascade. STP cabling is recommended for environments with high EMI or RFI. For the best performance results, using stranded cabling or other thinner cables, and coiling of excess cable lengths should be avoided.