



ATLONA
HDMI WITH RS232 AND WITH
BI-DIRECTIONAL IR EXTENDERS
OVER CAT5/6/7 UP TO 350FT
AT-HD4-V110SR



INTRODUCTION

The Atlona AT-HD4-V110SR is HDMI with RS232 and Bi-Directional IR Extender Kit over Cat5/6/7, designed on HDBaseT technology which allows full 3D and 4Kx2K (4 times the 1080p) up to 350ft.

The HD4-V110SR is capable of transmitting Ethernet channel from one location to another, perfect for digital signage applications.

PACKAGE CONTENTS:

- 1 x AT-HD4-V110S (transmitter module)
- 1 x AT-HD4-V110R (receiving module)
- 2 x 5v Power supplies (Universal 110/240V)
- 1 x Set of Wall Mounting Ears
- 2 x IR Emitter sensor
- 2 x IR Receiver sensor
- 1 x Instructions manual

FEATURES:

- Transmits HDMI (Digital Video and Audio), RS232 and Bi-Directional IR up to 350ft (100m)
- Supports Full Uncompressed HD Video
- Supports high resolution video HD: 480i, 576i, 480p, 576p, 720p, 1080i, 1080p (24/30/50/60Hz), 2k (2048x1080p) and 4kx2K (4096x2160p) - 4 times higher than 1080p
- Supports high resolution Video VESA: 640x480, 800x600, 1024x768, 1280x800, 1280x768, 1280x1024, 1680x1050, 1600x1200, 1920x1080, 1920x1200, 2048x1080p, 4096x2160p - 4 times higher than 1080p
- Full HD and 3D support - all 7 3D formats
- Fully EDID Compliant
- Fully HDCP Compliant
- Supports all VESA formats which is perfect when used with specialized projectors or commercial LCD panels.
- Enables 10.2Gbps of HDMI (including HDCP) over 350ft Cat5/6/7 cable.
- Highest Audio Formats: Dolby TrueHD & DTS Master Audio 7.1 (and all below)
- Supports Refresh Rates: 24Hz, 30Hz, 50, 60Hz
- Supports Bi-directional IR transmission, perfect for Control4, RTI, HAI users as this ability allows sending IR to the remote locations from the control systems and from the remote locations to the control systems.
- Supports RS232 pass-through, perfect for integrating a 3rd party control system.
- Supports transmission distances up to 350ft @ at full resolution
- Wall Mountable, mounting ears are included.
- Locking Power Supplies
- Easy to install, simple to operate and the most effective solution for long signal extension.
- Ideal for whole house A/V, video broadcasting, remote monitoring, presentations and educational facilities.

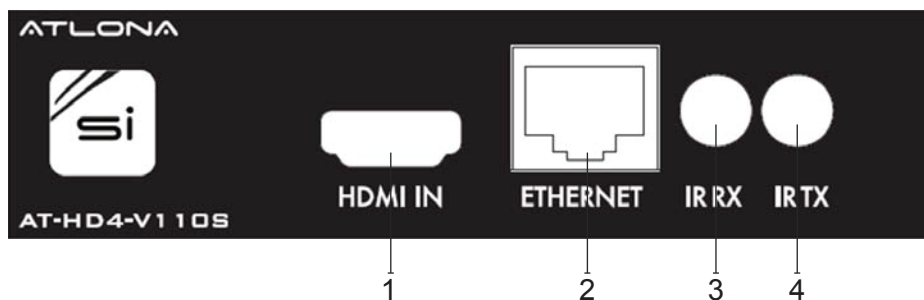
SPECIFICATIONS:

Transmitter Inputs	HDMI (Type A), IR (1/8-inch), RS232 (DB9), Ethernet (RJ45)
Transmitter Outputs	Link to Receiver (RJ45), Ethernet (RJ45)
Receiver Inputs	Link to Transmitter (RJ45), Ethernet (RJ45)
Receiver Outputs	HDMI (Type A), IR (1/8-inch), RS232 (DB9), Ethernet (RJ45)
HDCP/EDID Compliant	Yes
Supports high resolution video HD	480i, 576i, 480p, 576p, 720p, 1080i, 1080p (24/30/50/60Hz), 2k (2048x1080p), 4kx2k 4096x2160p
Supports high resolution video VESA	640x480, 800x600, 1024x768, 1280x800, 1280x768, 1280x1024, 1680x1050, 1600x1200, 1920x1080, 1920x1200, 2048x1080p and 4096x2160p - 4 times higher than 1080p
Distance at the highest resolution and full color depth	350ft
Deep Color	48bit up to 330ft (100m)
Power Consumption (max.)	2.5W (transmitter) and 5.5W (receiver)
Video Bandwidth	up to 10Gbps
Input TMDS signal	1.2 volts (peak-to-peak)
Input DDS signal	5 volts (peak-to-peak)
Power Supply	5V/4A (110/220 universal) – Locking Type
Dimensions (inch)	5.98×4.13×1.22 (Lx W x H)
Weight (lb)	2.1 (transmitter + receiver)
Operating Temperature Range	-5 to +35°C (-41 to +95 °F)
Operating Humidity Range	5 to 90 % RH (no condensation)

PANEL DESCRIPTION

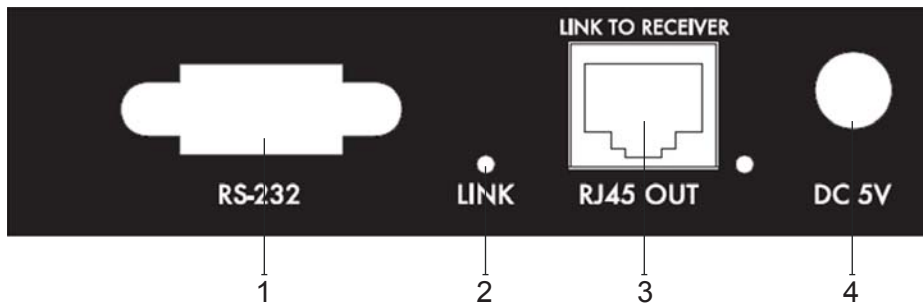
5.1. Transmitting Module

5.1.1. Front Panel



1. HDMI Input
2. Ethernet In/Out
3. IR RX
4. IR TX

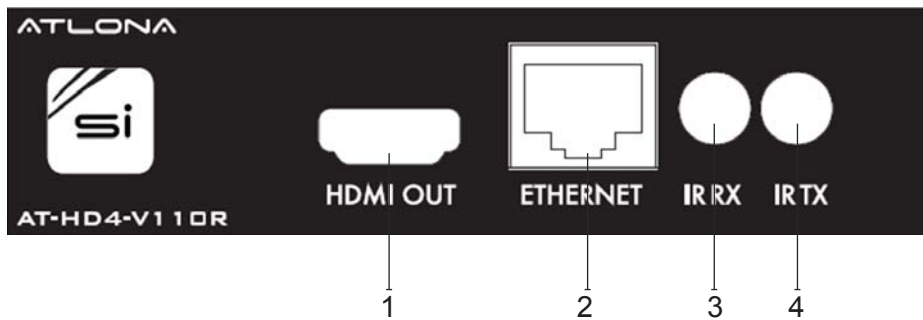
5.1.2. Rear Panel



1. RS-232 In
2. POWER ON Indicator
3. LINK to a Receiver
4. 5V Locking Power In

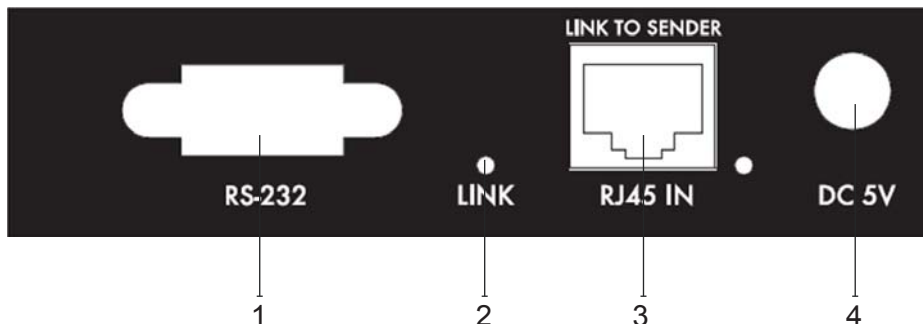
5.2. Receiving Module

5.2.1. Front Panel



1. HDMI Output
2. Ethernet In/Out
3. IR RX
4. IR TX

5.1.2. Rear Panel



1. RS-232 In
2. POWER ON Indicator
3. LINK to a Transmitter
4. 5V Locking Power In