

HDMI 1.2a + HDCP 1.0 / 1.1 Repeater

Model: VHR-30

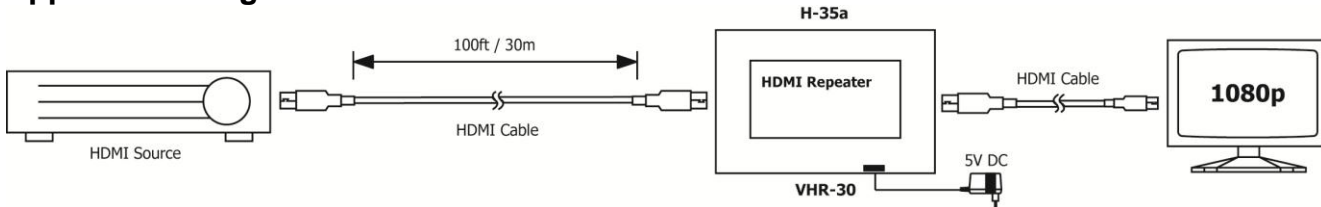
This HDMI Repeater extends the length of any HDMI (high definition multimedia interface) cable by regenerating the HDMI signal before it sends the outputs to the HDMI monitor or projector. The HDMI Repeater will clean out the digital noise (sparkles) in your picture. The input of the HDMI repeater is connected with a long HDMI (male to male) cable from the HDMI device like DVD player or Satellite set top box with a HDMI output port. The HDMI repeater output is connected to a second HDMI (male to male) cable to go from the output to any HDMI display or projector with a HDMI connector. The box is placed near the display to remove any noise that has been generated by a long HDMI cable.



Features:

- Supports HDMI1.2a + HDCP 1.0/1.1 video output.
- Supports highest video resolution 1080p.
- Supports 165 MHz / 1.65G bps per channel (4.95 Gbps all channel) Video Amplifier Bandwidth (V.A.B.).
- Supports 8 bit per channel (24 bit all channel) deep color.
- HDCP compliant.
- Supports uncompressed audio such as LPCM.
- Supports compressed audio such as DTS Digital, Dolby Digital (including DTS-HD and Dolby True HD).
- 5V DC x1

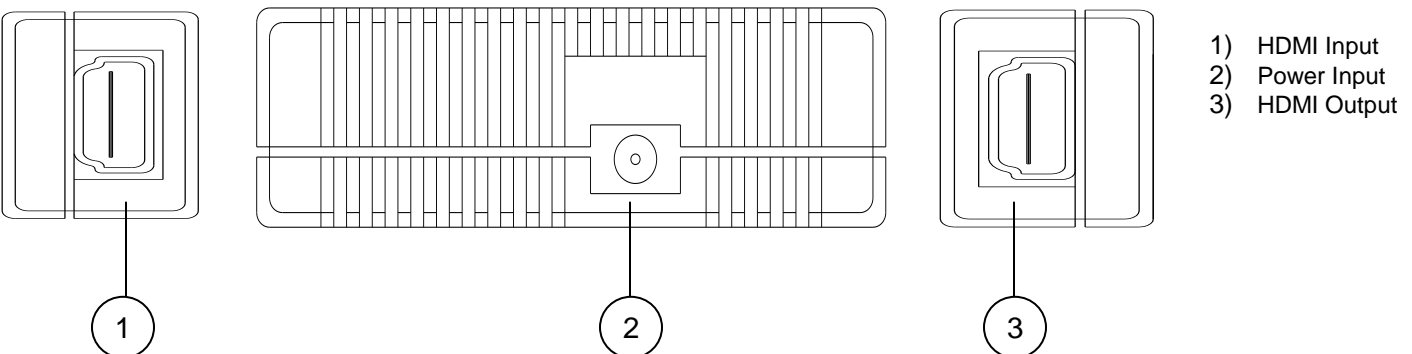
Application Diagram:



- 1) Connect the source device output into input of the HDMI Repeater and connect output of the HDMI Repeater to the HDMI display unit. The HDMI Repeater is put close to the HDMI display unit (Input cables are optional)
- 2) Insert the DC side of 5V power supply if the 5V of the source is not enough.

Attention: Insert / Extract cable gently.

Panel View:



Specifications:

Model	VHR-30	
Signal Inputs / Output	Input Video Signal	5 volts p-p (TTL)
	Maximum Single Link Range	1920 x 1080p
	Output Video	HDMI 1.2a + HDCP 1.0/1.1
	HDMI Input / Output Connector	Type A 19 pin
Operating Frequency	Vertical Frequency Range	50 / 60 Hz
	Video Amplifier Bandwidth	1.65 Gbps / 165 MHz
Resolutions (HDTV)	Interlaced (50 & 60 Hz)	480i, 576i, 1080i
	Progressive (50 & 60 Hz)	480p, 576p, 720p, 1080p
Mechanical	Size	1.93"(W) x 0.59"(H) x 1.06"(D) 49mm(W) x 15mm(H) x 27mm(D)
	Weight (Net)	0.04 lb / 17 g
Warranty	Limited Warranty	1 Year Parts and Labor
Environmental	Operating Temperature	32°F to 158°F / 0°C to +70°C
	Operating Humidity	10% to 85 % RH (no condensation)
	Storage Temperature	176°F to 176°F / -10°C to +80°C
	Storage Humidity	5% to 90 % RH (no condensation)
Power Requirement	External Power Supply	5V DC @ 2A (optional)
	Power Consumption (Max)	3 W

*Specifications are subject to change without notice

List of Components:

- One (1) VHR-30 HDMI Repeater
- One (1) Manual



Caution:

- Do not handle the unit with wet hands.
- The unit is not waterproof and should not be used outdoors.

Limited Warranty:

LIMITED ONE (1) YEAR WARRANTY AND EXCLUSIONS

Manufacturer warrants to the original consumer purchaser and not for the benefit of anyone else that this product at the time of its sale by Manufacturer is free of defects in materials and workmanship under normal and proper use for one (1) year from the purchase date. Manufacturer's only obligation is to correct such defects by repair or replacement, at its option, if within such one (1) year period the product is returned prepaid, with proof of purchase date, and a description of the problem. This warrant excludes and there is disclaimed liability for labor for removal of this product or reinstallation. **This warranty is voided if this product is installed improperly or in an improper environment, overloaded, misused, opened, abused, or altered in any manner, or is not used under normal operating conditions or not in accordance with any labels or instructions. There are no other implied warranties of any kind, including merchantability and fitness or a particular purpose, but if any implied warranty is required by the applicable jurisdiction, the duration of any such implied warrant, including merchantability and fitness of or a particular purpose, is limited to one (1) year. Manufacturer is not liable for incidental, indirect, special, or consequential damages, including without limitation, damage to, or loss of use of, any equipment, loss sales or profits or delay or failure to perform this warranty obligation.** The remedies, provided therein are the exclusive remedies under this warranty, whether based on contract, tort or otherwise.