

# HDMI Extender User Manual

## Product Introduction

HDMI Extender is a device that can transmit all the way HDMI HD video signal through CAT5E / 6 network cable for HDMI signal. This device is an active electronic device that amplifies and reshapes the output signal to improve and ensure the signal output gain, with high bandwidth, high resolution, high reliability, long signal extension distance (extended distance of 80 meters to 100 meters). And supports 1080P video format, support for HDCP. Suitable for use in the securities market, computer display venues, film and television, video communications companies, education and training centers and other environments.

## Safety Guidelines

In order to ensure the reliable use of equipment and the safety of personnel, please observe the following during installation, use and maintenance:

1. The device input power is 5V2000mA DC.
2. Do not place the system in a location that is too cold or too hot.
3. The power supply of the equipment will heat when working, so keep the working environment well ventilated to prevent the temperature from being too high and damage the machine.
4. Non-professionals without permission, please do not try to open the equipment chassis, do not repair privately, in order to avoid accidents or increasing damage to the extent of equipment.
5. Do not spray any chemicals or liquids on or near the equipment.

## Specification

Item No.	HD100-TX (Sender)	HD100-RX (Receiver)
Bandwidth	225MHz	
Signal	Type	1 in 1out
	Connection Type	Input HDMI-A Female Output 1xHDM-A Female 1xRJ45
	Input Video Signal	0.5-1.0Vp-p
	Output DDC Signal	5 V p-p (TTL)
	Best Resolution	1920*1080
	Max	1920*1200

	Resolution	
	Support Format	VGA: 640 x 480, 800 x 600, 1024 x 768, 1920 x 1200 DTV/HDTV: 480i/480p/576i/576p/720p/1080i/1080p
	Max Transmit	<100m
Specification	Appearance Size (mm)	132*92*41mm
	Power	5V 2000mA
Shell		Metal

### Common faults and maintenance

- 1) When the signal is not output Please check:
  - A: Is the power cord plugged into the device?
  - B: Is the cable damaged?
  - C: Is there an input signal?
- 2) If the power LED is off, the power supply may be abnormal.
- 3) The output image is disturbed, it is possible that the input / output wire is excessively long, or the wire loss is too large.
- 4) Output image fuzzy smear, please check the cable for the existence of quality problems. The output image is disturbed, it is possible that the input / output wire is excessively long, or the wire loss is too large.

### Picture

