

# HDMI Extender

## ■ Introduction

HDMI extender to solve the problems of image mosaic, color distortion and inability to transmit HDMI signals over long distances, HDMI extender is specially designed for the long distance transmission of high quality HDMI video signals in network flat panel display and large screen curtain wall display advertising engineering, industrial automation control, medical equipment, security monitoring, multimedia teaching and other display system engineering. A Signal Transmission System with Signal Conversion, Driving, Receiving and Restoring Functions.

## ■ Types

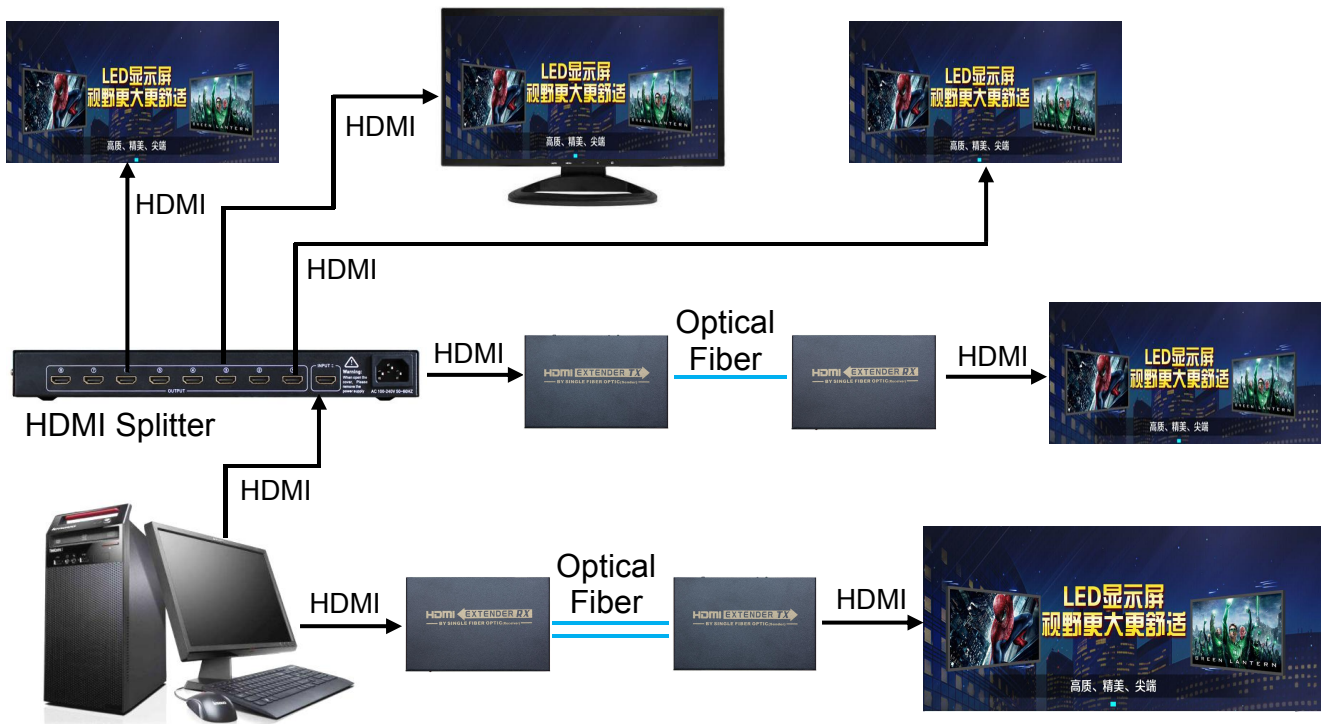
Model	Description	Transmission Distance	Resolution
AMS-HTR1S	1*SC Optical Fiber Port	Single-Mode Fiber: 20KM	1920*1080@60Hz
AMS-HTR2S	2*SC Optical Fiber Port	Multi-Mode Fiber: 500M	1920*1080@60Hz
AMS-HTR1S-U	1*SC Optical Fiber Port Support Mouse &Keyboard	Single-Mode Fiber: 20KM	1920*1080@60Hz

## ■ Picture



AMS-HTR1S

## ■ Application



## ■ Specification

HDMI Version	HDMI1.3	HDCP Version	HDCP1.2
HDMI Resolution	1080P/1080I//720p/576p/576i/480p/480i		
Video Color Format	24bit/Deep Color 30bit/Deep Color 36bit		
Audio Format	DTS-HD/Dolby-true HD/LPCM7.1/DTS/Dolby-AC3/DSD		
Audio Signal Transmission Format	Left And Right Stereo		
Max Transmission Rate	10.2Gbps	Connector Type	SC Port
Input And Output TMDs Signal	0.5~1.5Vp-p (TMDs)	Input And Output DDC Signal	5Vp-p (TTL)
Input And Output Cable Length	≤5m (AWG26 HDMI1.3 Cable standard )		
Product Size	137mm (L) × 82mm (W) × 25mm (H)		
Power Supply	DC 5V、3.6W (Power Adapter)		
Reliability	Mean Time Between Failures >30000H		
Operation Temperature	0~55℃	Storage Temperature	-20~70℃