

Lightem HDMI IP Encoder/Decoder

The H.264 HDMI extender transmit HD video and audio over one cat5e/cat6 cable, over TCP/IP standard, support one to many application over Ethernet. The equipment has excellent image processing and transmission capacity, makes signal transmission more smooth and steady, is a kind of economic and efficient way of HDMI signal extension.

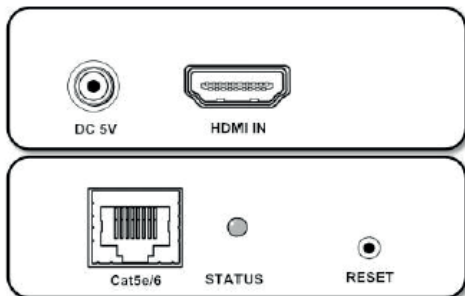


FEATURES

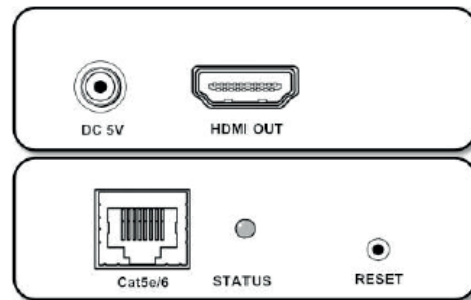
- Transmits HDMI video and audio signals up to 150m over a single CAT6 cable
- Support video resolution max up to 1920*1080p@60Hz
- Support over TCP/IP, one to many application with Ethernet switch/router.
- Compliance with HDMI 1.3 and HDCP 1.2 standard
- High compatibility, can auto-match source and display device
- Built-in automatic adjustment system, make the image smooth, clear and stable
- Built-in ESD protection system
- Simple to install, plug and play

PRODUCT DIAGRAM

TRANSMITTER



RECEIVER



Port Name	Description
HDMI IN/HDMI OUT	HDMI signal input/output
Cat5e/6	Ethernet interface
DC 5V	Power adapter socket
RESET	Press for 5 second to restore system setting to factory default
LED indicator	
Status	Video signal connection indicator/System power indicator

SPECIFICATIONS

Parameter	Values
<i>Video</i>	
<i>Standards HDMI</i>	HDMI 1.3; HDCP 1.2
<i>Compressed format</i>	H.264
<i>Maximum pixel clock</i>	165MHz
<i>Maximum data rate</i>	6.75Gbps
<i>Resolution</i>	1920X1080p@60Hz
<i>Connector</i>	HDMI-A
<i>Impedance</i>	100Ω
<i>Ethernet</i>	
<i>Interface</i>	RJ45
<i>Transmission distance</i>	CAT6---150m
<i>Other</i>	
<i>Power supply</i>	DC 5V
<i>Power dissipation</i>	MAX 6W
<i>Temperature Operating</i>	-5 °C~ +70°C
<i>Humidity Operating</i>	5% ~ 90%
<i>Dimension</i>	94.5*71*26mm

ORDERING INFORMATION

PN	Description
LHDMI-IPE-150	Lightem HDMI IP Encoder/Decoder