

HDMI Video Optical Converter HDMI-1V-T/R

Uncompressed, one HDMI

HDMI Video Optical Converter

Key Features

- Comply with HDMI1.1, HDMI1.2, HDMI1.3, HDMI1.4 standard;
- Support HDCP1.2;
- One channel forward analog audio (3.5mm);
- Support high resolution 1080P 60Hz;
- No delay uncompressed transmission of digital high-definition HDMI video signal;
- Can transmit 60km via single mode / simplex fiber cable;
- Built-in automatic balanced, clear and stable picture;
- Built-in ESD protection circuit, can effectively prevent electrostatic damage
- Easy to install, plug and play



Introduction

CRED HDMI video optical converter transmits HDMI signal for long distance by fiber cable. HDMI video optical converter could be widely used in security system, subway / railway advertising, mall advertising, building exhibition, digital signage, visual media teaching, digital KVM and other fields.

Specification

Input Video Signal	0.5-1.0 volts p-p
Input DDC Signal	5 volts p-p(TTL)
Video Format	1920*1080@60Hz 1920*1080@50Hz 1920*1080@30Hz 1920*1080@25Hz 1920*1080@24Hz 1080 I@60Hz 1080 I@50Hz 1280*720@60Hz 1280*720@50Hz
Output Audio	Analog stereo audio 3.5mm(optional)
Data Interface	Comply with 1ch reverse RS485 standard(optional)
Data Transmission Rate	0-120Kbps
Transmission Distance	RS232 15m, RS485/422 1200m, Single mode, simplex, 20/40/60/80KM
Fiber Interface	LC
Input Power	12V 1A
Working Temperature	-20°C to +75°C
Working Humidity	5 to 90 % RH(no condensing)
Dimension	179mm*128.5mm*28.5mm

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Interface

Transmitter	Description
HDMI IN	HDMI video signal input port
AUDIO IN	Audio input port
DC-12V	Power input 12V 1A
OPT	SFP transceiver, LC connector
RTG	RS232/RS485(Optional)
EDID	Learn EDID signal button
Receiver	Description
HDMI OUT	HDMI video signal output port
AUDIO OUT	Audio output port(Optional)
DC-12V	Power input 12V 1A
OPT	SFP transceiver, LC connector
RTG	RS232/RS485(Optional)

Application

