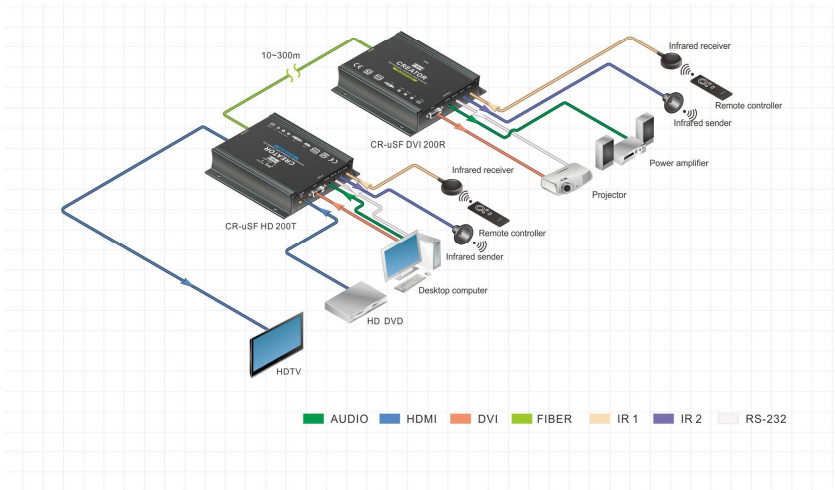
Specifications

	The parameter name	CR-uSF HD 200T
Optical fiber output	The fiber output interface	SC connector
	Fiber type	Multimode/Single Mode（Optional）
	Wavelength	Multimode 850nm/Single Mode: 1310 –1620nm（Optional）
	Interface bandwidth	Positive: 6.25Gbps, Reverse: 3.125Gbps
	Clock jitter	<0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	The recommended maximum input distance	Om3 multimode fiber: less than 300 meters, at 1920x1080p@60. Single-mode fiber: 2`20km
Specifications	Power supply	The power adapter, 12VDC/2A
	Maximum power dissipation	MAX 5W
	Temperature	Storage, use temperature. -20℃~+70℃
	Humidity	Storage, use humidity：10%~90%
	Mean time between failures	30,000 hours
	The warranty	1 year free warranty

System connection diagram



CR-uSF HDMI 200R

HDMI/FIBER receiver

Product overview

CR-uSF HDMI 200R is a single core multi-format optical fiber transmitter supporting high resolution HDMI signals. It can convert optical fiber video signal into HDMI high-definition signal, and should be used with CR-uSF HD 200T or matrix; supports for RS-232 and IR pass through.

Features

- Support single core multi-format fiber transmission of high resolution of HDMI signal.
- Support transmission of audio signal, IR signal and RS-232 signal.
- Transmission distance is up to 300M.

CR-uSF HDMI 200R

Specifications

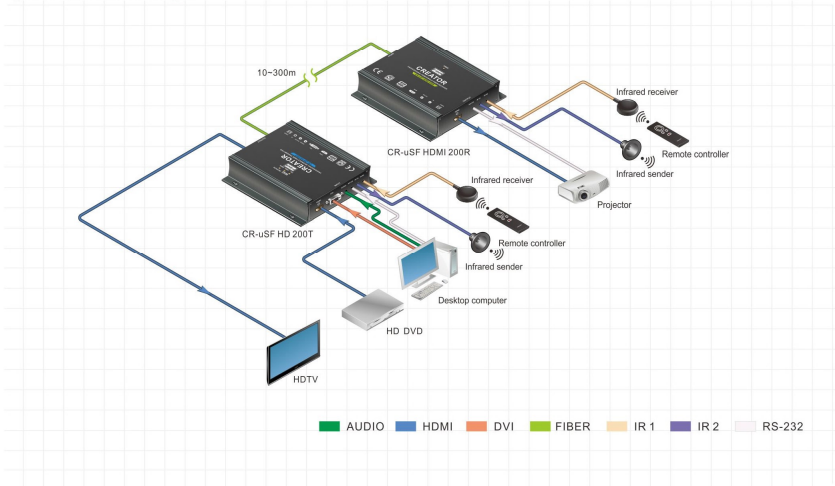
	The parameter name	CR-uSF HDMI 200R
HDMI video output	Supported protocols	DVI1.0,HDMI1.3a,HDCP1.3
	PIXEL bandwidth	165MHz, all digital
	Interface bandwidth	2.25Gbps, Full digital（a total of 6.75Gbps, each color is 2.25Gbps）
	Maximum supported resolution	PC 1920x1200@60_24bit Color depth HDTV 1920x1080P@60_36bit Color depth
	Clock jitter	〈0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	Signal type	DVI-D/ HDMI digital T.M.D.S signal in DVI I.0/HDMI I.3a specification
	Interface	The HDMI-A interface
	Signal strength	T.M.D.S. 3.3V pp
	Minimum / maximum level	T.M.D.S. 2.9V/3.3V
	Impedance	50 Ω
	Maximum DC offset error	+/-15mV
	The recommended maximum input distance	Less than 10 meters, in the 1920x1080p@60 (recommended the use of certified HDMI special wire, as Molex TM wire)
IR infrared	Interface	Input: 3.5mm stereo audio socket Output: 3.5mm stereo audio socket
	Signal type	Input: Digital Output: Digital
	Output level type	PLL level
	Wavelength	850nm
	Carrier frequency of input level	38KHz
RS-232	Interface	3.5mm stereo audio socket
	Signal type	Digital
	Level type	RS-232 level
	Signal direction	Two-way communication
	Baud rate	Min: 4800bps Max: 115200bps
	Data bits	8
	Stop bit	1
	The correction bits	None
	Flow control	None
	Level delay	500 ns
	Level peak	+/-15V

Size (mm):
162(L)×155(W)×35(H)

Specifications

	The parameter name	CR-uSF HDMI 200R
Optical fiber output	The fiber output interface	SC connector
	Fiber type	Multimode/Single Mode（Optional）
	Wavelength	Multimode 850nm/Single Mode: 1310 –1620nm（Optional）
	Interface bandwidth	Positive: 6.25Gbps, Reverse: 3.125Gbps
	Clock jitter	<0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	The recommended maximum input distance	Om3 multimode fiber: less than 300 meters, at 1920x1080p@60. Single-mode fiber: 2`20km
Specifications	Power supply	The power adapter, 12VDC/2A
	Maximum power dissipation	MAX 4W
	Temperature	Storage, use temperature: -20℃~+70℃
	Humidity	Storage, use humidity: 10%~90%
	Mean time between failures	30,000 hours
	The warranty	1 year free warranty

System connection diagram



CR-uSF DVI 200R

DVI/FIBER receiver

Product overview

CR-uSF DVI 200R is a single core multi-format fiber transmission receiving terminal supporting high resolution DVI signal. It can restore the received optical signal to the HD DVI signal and audio signal, and can be used with CR-uSF HD 200T or fiber matrix; supports for RS-232 and IR pass through.

CR-uSF DVI 200R

Features

- Support single core multi-format fiber transmission of high resolution of DVI signal.
- Support transmission of Audio signal, IR signal and RS-232 signal.
- Transmission distance is up to 300M.

Specifications

	The parameter name	CR-uSF DVI 200R
DVI video output	Supported protocols	DVI1.0,HDMI1.3a,HDCP1.3
	PIXEL bandwidth	165MHz, all digital
	Interface bandwidth	2.25Gbps, Full digital（a total of 6.75Gbps, each color is 2.25Gbps）
	Maximum supported resolution	PC 1920x1200@60_24bit Color depth HDTV 1920x1080P@60_36bit Color depth
	Clock jitter	〈0.15 Tbit
	Rise time	<0.3Tbit (20%--80%)
	Fall time	<0.3Tbit (20%--80%)
	Signal type	DVI-D/ HDMI digital T.M.D.S signal in DVI I.0/HDMI I.3a specification
	Interface	The DVI-D interface
	Signal strength	T.M.D.S. 3.3V pp
	Minimum / maximum level	T.M.D.S. 2.9V/3.3V
	Impedance	50 Ω
	Maximum DC offset error	+/-15mV
	The recommended maximum input distance	Less than 10 meters, in the 1920x1080p@60 (recommended the use of certified DVI special wire, as Molex TM wire)
Audio signal output	Interface	3.5mm stereo audio socket
	Gain	0 dB
	Frequency response	20 Hz ~ 20 kHz,
	Total harmonic distortion + noise	0.01% @ 1 kHz (Under rated voltage)
	The signal-to-noise ratio (S / N)	>80dB at Vin=0 V
	Stereo separation	>80dB @ 1 kHz
	Common mode rejection ratio (CMRR)	>75dB @: 20 Hz ~ 20 kHz
	Signal type	Stereo
	Impedance	Input: >10 kΩ(Balanced or unbalanced connection) Output: 50Ω(Unbalanced connection)
	Maximum input level	3Vpp
	Gain error	±0.1dB @20 Hz ~ 20 kHz

Size（mm):
162(L)×155(W)×35(H)