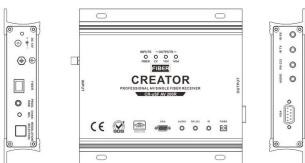


CR-uSF AV 200R

COMPONENT/FIBER receiver



CR-uSF AV 200R



Size (mm):
162(L)×155(W)×35(H)

Product overview

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

Features

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

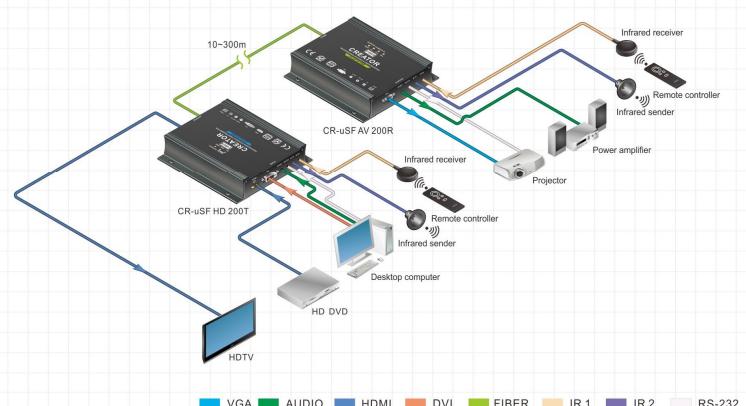
Specifications

The parameter name	CR-uSF AV 200R
Interface	HD-DB15 bus interface
Signal type	Composite video CV/Y Component video YPbPr
Gain	0dB
Bandwidth	CV: 150MHz @ -3dB YPbPr: 350MHz @ -3dB
Differential phase error	0.1% ~ 3.58~4.43 MHz
Differential gain error	0.1% ~ 3.58~4.43 MHz
Signal strength	1V(pp) : composite video (CVBS) 1V(pp) : (Component video in Y) 0.3V(pp) : (Component video in PbPr/CbCr)
Minimum / maximum level	Analog signal: -2V/+2V
Input impedance	75Ω
Echo loss	<30dB@5MHz
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
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

Specifications

The parameter name	CR-uSF AV 200R
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
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
Power supply	The power adapter, 12VDC/2A
Maximum power dissipation	MAX 4W
Temperature	Storage, use temperature: -20°C ~+70°C
Humidity	Storage, use humidity: 10%~90%
Mean time between failures	30,000 hours
The warranty	1 year free warranty

System connection diagram



VGA AUDIO HDMI DVI FIBER IR 1 IR 2 RS-232