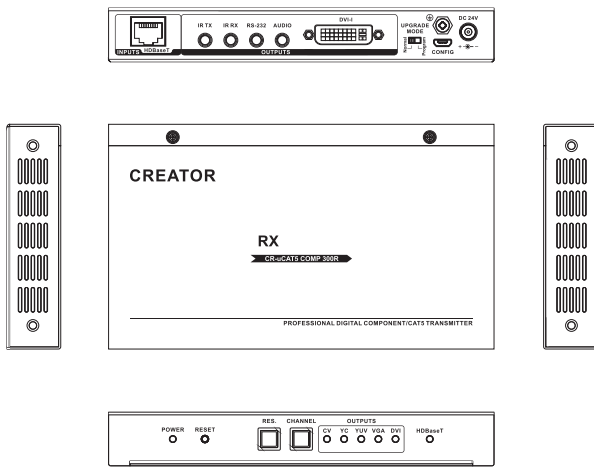


# CR-uCAT5 COMP 300R

H-CAT series COMPONENT/CAT5 receiver



CR-uCAT5 COMP 300R



Size (mm):  
180(L)×105(W)×25(H)

## Product overview

It can transmit high definition 1080p video is up to 100 meters. It can also transmit bi-directional RS-232, bi-directional IR signals at the same time. It's a economical solution for long distant video transmission needs.

## Features

- Support CV, Y/C, YPbPr, VGA, DVI, and HDMI signals input.
- Support outside analog audio embedded into the video signal for simultaneous transmission.
- Support resolution switching function; support up-scale to 1080p@60Hz.
- Support built-in bi-directional IR and RS-232 transmission.
- Support video, audio, IR, RS-232 simultaneous transmission. The transmission distance can be up to 100 meters with Cat5e/6 shielding cable.
- Support firmware upgrade via RS-232.
- Support PoE function.

## Specifications

The parameter name	CR-uCAT5 COMP 300R	
CV video output	Interface type	DVI-I male socket to RCA female (Certified cable)
	Format	NTSC, PAL, SECAM
	Signal type	Composite Video (CVBS)
	Signal strength	1Vpp Composite Video (CVBS)
	Min/Max Level	-2V/+2V
	Impedance	75Ω
Y/C video output	Interface type	DVI-I male socket to RCA female interface(Certified cable)
	Signal type	Y/C video
	Signal Strength	1Vpp: (Component Video's Y)
	Min/Max level	-2V/+2V
	Impedance	75Ω
YUV video output	Interface type	DVI-I male socket to RCA female interface(Certified cable)
	Signal type	Component Video(YPbPr/YCbCr)
	Signal Strength	1Vpp: (Component Video's Y); 0.3Vpp: (Component Video's PbPr/CbCr)
	Min/Max level	-2V/+2V
	Impedance	75Ω
VGA video output	Interface type	DVI-I male socket to DB15 female socket
	Signal type	RGBHV
	Signal strength	0.63V p-p to 0.9 V p-p RGB signal
	Min/Max level	-2V/+2V
	Impedance	75Ω
Audio signal	Audio output	1 way analog stereo output; 3.5mm earphone socket
	Frequency response	20Hz-20KHz
	Audio input level	2Vrms (Max)

Specifications

The parameter name	CR-uCAT5 COMP 300R	
H-CAT Input	Interface type	High speed RJ45
	Transmission distance	100 meters with Cat5e/6 shielding cable
HD video output	Interface	1 DVI-I female interface
	Supported Protocols	HDMI1.3a, HDCP1.3, DVI1.0
	Gain	0 dB
	Pixel bandwidth	165MHz , full digital
	Interface bandwidth	2.25Gbps full digital (total 6.75Gbps, each color 2.25Gbps)
	Maximally supported resolution	HDPc:1920*1200@60Hz HDTV:1920*1080@60Hz
	Min/Max level	T.M.D.S. 2.9V/3.3V
	Impedance	50Ω
	Recommended maximum output distance	Maximum 7 meters for 1920*1080p@60Hz (certified special purpose cables are recommended, such as Molex TM cable)
Serial port control	Serial port control interface	3P female phoenix socket
	Baud rate	110-115200bps
IR control	IR Control	IR (3.5mm earphone socket)
	IR frequency	38KHz
POE (PSE/PD)	Supported protocols	Support IEEE 802.3at standard
	Transmission Voltage	48V
	Maximum transmission power	13W
Specifications	Power supply	DC 24V
	Maximum power consumption	10W

System connection diagram

