

# CV-CAT01KIT

transmitter and receiver kit  
transmit video over CAT5



## description:

The CV-CAT01KIT is a high resolution UXGA transmitter and receiver kit designed to broadcast desktop video signals over CAT5 unshielded twisted pair cabling.

## key features:

- uses easy-to-install, inexpensive CAT5/5e/6/7/8 cable
- range up to 1,000 feet (300 m) without signal repeaters
- supports high resolution video up to 1600x1200
- sync format / polarity preservation
- high ground loop immunity
- built-in power surge, transient and lightning protection
- designated trimmer in remote unit compensates for cable length
- compact metal enclosure

## key applications:

- hotels
- theatres, concert and sports venues
- dealer showrooms
- point of sale displays
- control rooms
- remote digital set-top control
- sky box control extension
- remote cable TV and VCR control
- home use

## included hardware:

CV-CAT01TX (transmitter, power supply)  
CV-CAT01RX (receiver, power supply)

## specifications: CV-CAT01KIT

Video format	supports VGA, SVGA, XGA, UXGA, RGBHV, RGB, YUV, Y/C video
Bandwidth	300 MHz
Range	1,000 feet (300 m)
Analog signal level	1 volt
Impedance	75 $\Omega$
Connector	high density HD15
Sync	TTL
Horizontal sync range	15 to 130 KHz
Vertical sync range	30 to 120 KHz
Power	5 volts DC
Power connector	5 x 2.1mm DC jack
System cable type	CAT5 UTP EIA 56A
CAT5 connector	RJ45

## physical dimensions:

Height	0.85" (21.6 mm)
Width	2.81" (71.4 mm)
Depth	3.44" (87.4 mm)
Weight	0.25 lbs (0.11 kg)

Convex audio/video equipment distributed by:  
Martech - driving strategic sales  
11565 - 149 Street  
Edmonton, Alberta, Canada  
T5M 1W9

phone: 780-454-2006  
www.drivingstrategicsales.com



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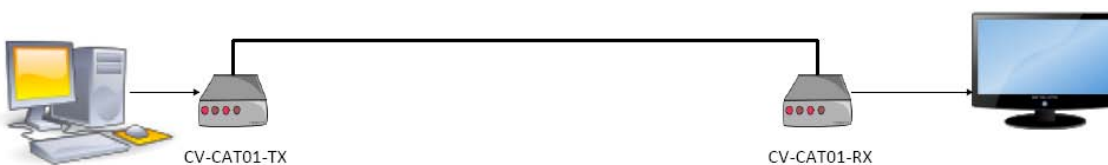
Convex CV-CAT signal distribution hardware

## SIGNAL RESOLUTION AND DISTANCE RANGE GUIDE

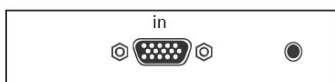
Convex Product #	Cable Type	VGA 640x480	SVGA 800x600	XGA 1024x768	HD720P 1280x720	SXGA 1280x1024	HD1080i 1290x1080	UXGA 1600x1200	HD1080P 1920x1080
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### RECEIVERS

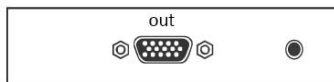
CV-CATIR	CAT5 Skew free CAT5	IR range is 1000'							
CV-CAT01RX	CAT5 Skew free CAT5	1000' 1200'	700' 910'	300' 390'	250' 325'	250' 375'	200' 300'	200' 300'	150' 225'
CV-CAT012X	CAT5 Skew free CAT5	800' 960'	650' 845'	275' 358'	225' 293'	225' 338'	175' 263'	175' 263'	125' 188'
CV-CAT03RX	CAT5 Skew free CAT5	1000' 1200'	700' 910'	450' 585'	425' 553'	400' 600'	375' 563'	300' 450'	275' 413'
CV-CAT11RX	CAT5 Skew free CAT5	1000' 1200'	700' 910'	300' 390'	250' 325'	250' 375'	200' 300'	200' 300'	150' 225'
CV-CATHD1RX	CAT5 Skew free CAT5	1000' 1200'	700' 910'	450' 585'	425' 553'	400' 600'	375' 563'	300' 450'	275' 413'
CV-CATHD2RX	CAT5 Skew free CAT5	1000' 1200'	700' 910'	450' 585'	425' 553'	400' 600'	375' 563'	300' 450'	275' 413'
CV-CAT1DVIRX	DVX-RX200S CAT6	250'	250'	250'	220'	220'	220'	220'	220'
CV-CAT13RX	CAT5 Skew free CAT5	1700' 2040'	1200' 1560'	1000' 1300'	750' 975'	750' 1125'	750' 1125'	650' 975'	550' 825'



Transmitter



Receiver



Convex customer service: 1-800-461-0006  
www.convexav.com

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