

# CV-CAT13RX

extended range receiver  
for video, audio, IR and RS-232



## specifications: CV-CAT13RX

Video format	supports VGA, SVGA, XGA, SXGA up to 1900x1200; RGBHV, RGsB, YUV, Y/C, CVBS video
Bandwidth	400 MHz
Range	1,650 feet (502 m)
Video signal level	1 volt
Connector	high density HD15
Video sync	TTL, range of 30-120 Hz
Skew adjustment	62 ns
Audio type	Stereo unbalanced
Audio signal level	0 dB
Impedance	10,000 $\Omega$
Audio connector	3.5 mm jack
RS-232 signal	9600 bps TXD, RXD
RS-232 connector	DB9 9 pin bidirectional
System cable type	CAT5 UTP
Power	5 volts DC
Power connector	5 x 2.1 mm DC jack

## physical dimensions:

Height	0.9" (23 mm)
Width	3.7" (94 mm)
Depth	3.5" (89 mm)
Weight	0.26 lbs (0.18 kg)

## description:

The CV-CAT13RX extended range receiver breaks through conventional distance limitations for video signals over CAT5 UTP cabling and can receive and clearly display high resolution component signals at a distance of up to 1,650 feet (502 m)!

## key features:

- range up to 1,650 feet (502 m) over CAT5 without signal repeaters
- signal amplification technology extends A/V signals without loss or degradation
- supports high resolution video up to 1900x1200 and stereo audio
- automatic digital video tuning for optimal image at all resolutions
- integrates with other Convex CAT5 transmitters, splitters, matrixes and routers
- allows RS-232 and IR control
- has high ground loop immunity
- built-in power surge, transient and lightning protection
- compact metal enclosure

## key applications:

- large scale multimedia productions
- night clubs, restaurants and theme parks
- corporate and educational facilities
- resorts and casinos
- churches and houses of worship
- mass transit terminals
- video walls and digital signage networks

## included hardware:

CV-CAT13RX (receiver, power supply)

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



# CV-CAT13RX

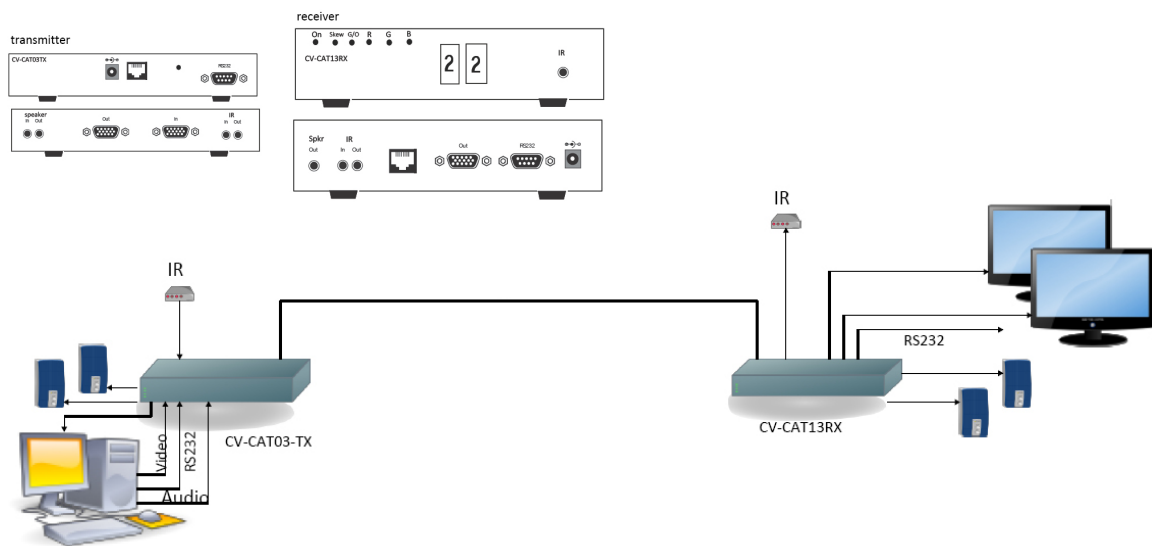
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Convex CV-CAT signal distribution hardware

## 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-CAT13RX	CAT5 Skew free CAT5	1700' 2040'	1200' 1560'	1000' 1300'	750' 975'	750' 1125'	750' 1125'	650' 975'	550' 825'
CV-CAT11RX	CAT5 Skew free CAT5	1000' 1200'	700' 910'	300' 390'	250' 325'	250' 375'	200' 300'	200' 300'	150' 225'
CV-CAT1012X	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-CAT01RX	CAT5 Skew free CAT5	1000' 1200'	700' 910'	300' 390'	250' 325'	250' 375'	200' 300'	200' 300'	150' 225'
CV-CAT03RX	CAT5 Skew free CAT5	1000' 1200'	700' 910'	450' 585'	425' 553'	400' 600'	375' 563'	300' 450'	275' 413'
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'



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

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