

## VGA/component, Audio & RS-232 over CAT5 Extender (with RGB Delay Control) & IR Pass-through



Typical color misconvergence after long-run transmission  
Green and Blue video signals are arriving before the Red signal, requiring skew delay equalization.

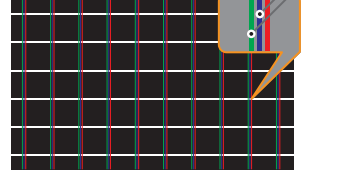
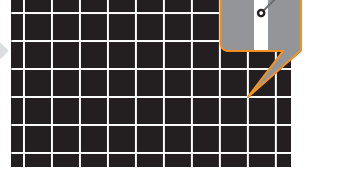


Image quality is improved significantly  
Built-in skew equalizer synchronize all the arrival of color signals without sacrificing full signal integrity.



	EXT-301H	EXT-302C
VGA video		
Stereo analog audio		
RS-232 signals		
R signals		
Equalization		
Gain control		
RGB delay control		

Transmission length 330m (1,000ft) at WUXGA [1920x1200@60] or UXGA [1600x1200@60]



### SPECIFICATIONS

Model Name	EXT-0302C	
Technical	EXT-0302C[TX]	EXT-0302C[RX]
Role of usage	Transmitter [TX]	Receiver [RX]
Video bandwidth	350MHz	
Video support	VESA	
Video Transmission	WUXGA [1920x1200] / 720p — 330m (1,000ft) [CAT5e]	
Audio support	Stereo	
RS-232 signal type	Half-duplex	
Input video signal	1.2 Volts [peak-to-peak]	
Equalization	Continuous analog control	
RGB delay control	No	Yes
Loop-out	1 VGA local-out + 1 audio local-out at TX	
ESD protection	[1] Human body model — ±19kV [air-gap discharge] & ±12kV [contact discharge] [2] Core chipset — ±8kV	
Input	1x VGA 1x RS-232 3x 3.5mm 1x RCA	1xRJ-45
Output	1x RJ-45 1x VGA 1x 3.5mm 1x RCA	1x VGA 1x RS-232 1x RCA 3x 3.5mm
VGA connector	1HD-15 [15-pin D-sub female]	
RJ-45 connector	WE/SS 8P8C with 2 LED indicators	
RS-232 connector	DE-9 [9-pin D-sub female]	
RCA connector	S/PDIF digital audio	
3.5mm connector	Earphone jack for analog stereo audio or IR cable	
<b>Mechanical</b>		
Housing	Metal enclosure	
Dimensions [L x W x H]	Model	[TX/RX] — 123 x 95 x 25mm [4.8"x3.7"x1"]
	Package	330 x 200 x 95mm [1'1"x7.9"x3.7"]
	Carton	495 x 440 x 380mm [1'7.5"x1'5.3"x1'3"]
Weight	Model	[TX]— 390g [14oz] / [RX]— 380g [13oz]
	Package	1250g [2.8 lbs]
Fixedness	Wall-mounting case with screws	
Power supply	Inter-locked 5V 2A DC	
Power consumption	6 Watts [max]	
Operation temperature	0~40°C [32~104°F]	
Storage temperature	-20~60°C [-4~140°F]	
Relative humidity	20~90% RH [no condensation]	

### FEATURES

- Supports up to WUXGA [1920x1200@60] or UXGA [1600x1200@60] to 330m (1,000ft)
- Supports 720p component video signal to 330m (1,000ft)
- Supports RS-232 half-duplex & bi-directional IR pass-through
- Supports analog stereo audio and digital S/PDIF stereo audio
- Video and audio local out on transmitting unit for easy monitoring
- Adjustable equalization and gain control on receiving unit for signal tuning
- De-skew compensation available for RGB delay control
- Wall mounting case & interlocked power jack for better fixedness

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