

SATSON[®] HDM-EXT-501CO

HDMI Extender over Single Coax with Bi-directional IR

Transmitter



Receiver



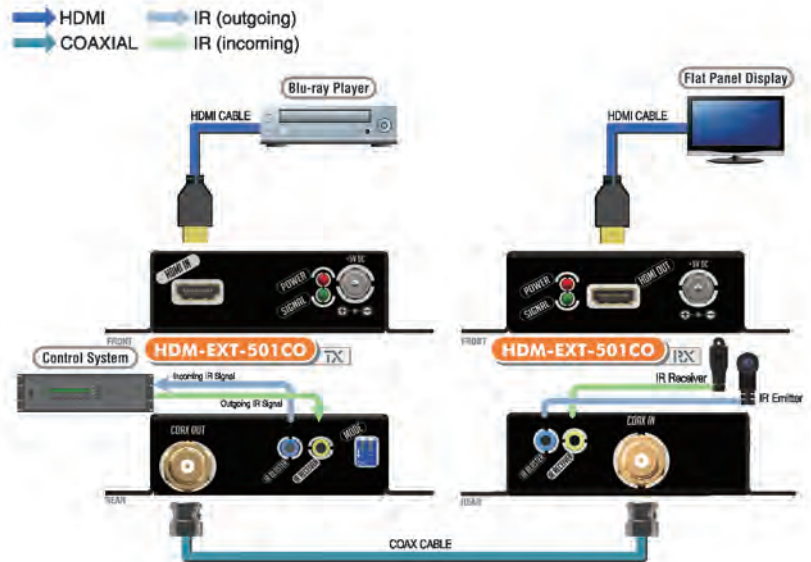
Features

- HDCP compliant
- Single coaxial cable
- 7.1-channel audio supported
- Extends the transmission range up to RG6-120m(394ft) from the HDMI sources under Full HD resolution (1080p60 24-bit color depth) through Belden 1694A coaxial cable.
- Extends the transmission range up to RG59/U-70m(230ft) from the HDMI sources under Full HD resolution (1080p60 24-bit color depth) through RG59/U-3GHz solid coaxial cable.
- Video resolutions support 480i, 576i, 720p, 1080i, and 1080p
- Bi-directional IR path
- Wall mounting housing design for easy and robust installation

Package Contents

- 1x HDM-EXT-501CO [TX & RX]
- 1x IR blaster
- 1x IR receiver
- 2x DC 5V 2A wall wart
- 1x User Manual

Connection Warranty



Specifications

Model Name		HDM-EXT-501CO	
Technical		HDM-EXT-501CO[Tx]	HDM-EXT-501CO[Rx]
Role of usage		Transmitter [TX]	Receiver [RX]
HDCP compliance		Yes	
Video bandwidth		Single-link 225MHz [6.75Gbps]	
Video support		480i / 720p / 1080i / 1080p60 (Does NOT support 480p)	
Audio support		Surround sound (up to 7.1ch) or stereo digital audio	
HDMI over Coax transmission range		Full HD [1080p 24-bit color] – up to 120m [394ft]	
HDMI Equalization		Auto	
Input TMDS signal		1.2 Volts [peak-to-peak]	
Input DDC signal		5 Volts [peak-to-peak, TTL]	
ESD protection		[1] Human body — ±19kV [air-gap discharge] & ±12kV [contact discharge] [2] Core chipset — ±4kV	
PCB stack-up		6-layer board [impedance control — differential 100Ω; single 50Ω]	
Input		1x HDMI / 1x R socket	1x BNC / 1x IR socket
Output		1x BNC / 1x IR socket	1x HDMI / 1x IR socket
IR remote control		Electro-optical characteristics: π = 25° / Carrier frequency: 20-60kHz	
HDMI connector		Type A [19-pin female]	
BNC connector		75Ω interlocking socket	
3.5mm connector		3.5mm earphone jack for R blaster to control HDMI source device	
Mechanical			
Housing		Metal enclosure	
Dimensions [L x W x H]	Model	80 x 85 x 29mm [3.1" x 3.3" x 1.1"]	
	Package	175 x 270 x 80mm [6.9" x 10.4" x 3.1"]	
	Carton	370 x 450 x 300mm [1.3" x 1.6" x 1"]	
Weight	Model	311g [11oz]	
	Package	622g [1.37 lbs]	
Fixedness		Interlocking power supply	
Power supply		5V 4A DC	
Power consumption		6 Watt [max]	
Operation temperature		0~40°C [32~104°F]	
Storage temperature		-20~60°C [-4~140°F]	
Relative humidity		20~90% RH [no condensation]	