

# SATSON<sup>®</sup> HDM-EXT-0110C

## HDMI Extender over Single Cat.X with HDBasedT-Lite & Bi-directional IR

Transmitter



Receiver



### Features

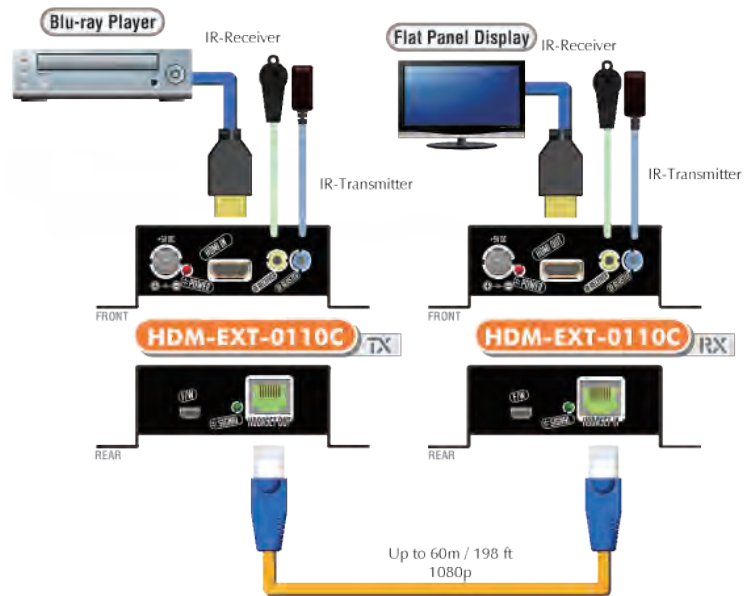
- Support HDMI Deep Color & full 3D & 4K2K@30 (HDBaseT-Lite technology)
- Extend the transmission up to 60m (198ft) from the HDMI source at Full HD 1080p 48-bit and 40m (130ft) at 4K2K@30
- HDCP & EDID Bypass
- CEC support
- Auto equalization
- Pure unaltered uncompressed 7.1ch digital HDMI over Cat.5/5e/6 cable transmission
- DTS-HD Master Audio and Dolby TrueHD high bit rate audio support
- Support full frequency IR signal from 20KHz to 60KHz
- Bi-directional IR path-through
- Wall mounting housing design for easy and robust installation

### Package Contents

- 1x HDM-EXT-0110C [TX & RX]
- 1x IR blaster
- 1x IR receiver
- 2x 5V DC power supply
- 1x User manual

### Connection Warranty

- HDMI
- CAT5/5e/6
- IR (outgoing)
- IR (incoming)



### Specifications

Model Name		HDM-EXT-0110C	
Technical		HDM-EXT-0110C [Tx]	HDM-EXT-0110C [Rx]
Role of usage		Transmitter [TX]	Receiver [RX]
HDMI compliance		HDMI Deep Color, full 3D & 4K2K@30	
HDCP compliance		Yes	
Video bandwidth		Single-link 340MHz [10 2 Gbps]	
Video support		480i / 480p / 720p / 1080i / 1080p60	
HDMI over UTP		1080p@60 100m (330ft) [CAT5e]	
Audio support		Surround sound [up to 7.1ch] or stereo digital audio	
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 model — ±19kV [air-gap discharge] & ±12kV [contact discharge] [2] Core chipset — ±8kV	
PCB stack-up		4-layer board [impedance control — differential 100Ω; single 50Ω]	
IR pass-thru		Bi-directional	
Input		1x HDMI 1x 3.5mm 1x mini-USB	1x RJ-45[HDBaseT] 1x 3.5mm 1x mini-USB
Output		1x RJ-45[HDBaseT] 1x 3.5mm	1x HDMI 1x 3.5mm
HDMI source control		Controllable via IR pass-through from RX to TX with R extenders	
IR remote control		Type A [19-pin female]	
HDMI connector		Mini B	
RJ-45 connector		WE/SS 8P8C(Reverse Mode)	
Rotary control switch		None	
3.5mm connector		IR receiver / IR blaster	IR receiver / IR blaster
Mechanical			
Housing		Metal enclosure	
Dimensions [L x W x H]	Model	73 x 89 x 26mm [2 9" x 3 5" x 1"]	
	Package	175 x 125 x 216mm [6.8" x 4.9" x 8 5"]	
	Carton	647 x 366 x 237mm [2'1" x 1'2" x 9.3"]	
Weight	Model	200g [7oz]	196g [6.9oz]
	Package	900g [2 lbs]	
Fixedness		Wall-mounting case with screws	
Power supply		5 V2A DC	
Power consumption		3 Watt [max]	7 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]	