SCP PART#962 HDBaseT LITE HDMI EXTENDER OVER SINGLE CAT5E/6, WITH RS232 AND IR- 1 EA/BOX
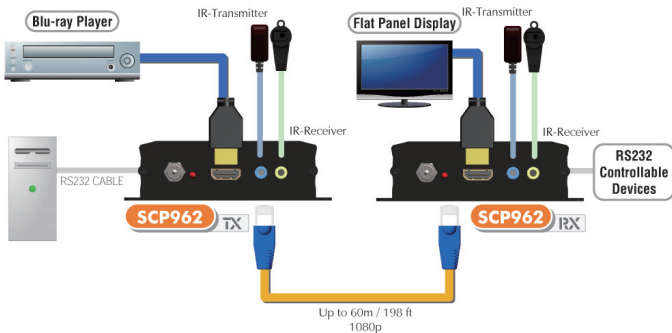

Latch-locking power jack: Connect to 5V DC power supply

LED: Power indicator

HDMI IN[OUT]: Connects to a HDMI source[Display] with a HDMI male-male cable

IR Receiver: Infrared 3.5mm socket for plugging in the extension cable of IR receiver

IR Blaster: Infrared 3.5mm socket for plugging in the extension cable of IR blaster

Dip Switch: Setup the RS-232 mode for serial communication channel

RS-232: Connect to host/device serial port with a DSUB-9 male-male cable here

RJ45: Plug in a Cat-5/5e/6 cable that needs to be linked to the TX or RX.

LED: TX/RX link indicator

→ HDMI
→ CAT5/5e/6
→ IR (outgoing)
→ IR (incoming)
→ RS-232

Up to 60m / 198 ft
1080p

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
- Full Duplex RS-232 control up to 115,200 bps through connector
- Wall mounting housing design for easy and robust installation

PACKAGE CONTENTS

- 1x 962-T & 962-R
- 2x 5V DC power supply
- 1x User Manual
- 1x IR blaster
- 1x IR receiver

SPECIFICATIONS

Model Name		962	
Technical		**962-T**	**962-R**
Role of usage		Transmitter [TX]	Receiver [RX]
HDMI compliance		HDMI Deep Color, full 3D & 4K2K@30	
HDCP compliance		Yes	
Video bandwidth		Single-link 340MHz [10.2Gbps]	
Video support		480i / 480p / 720p / 1080i / 1080p60	
HDMI over UTP		1080p@60 60m (198ft) [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	
RS-232 support		Yes	
Input		1x HDMI 1x 3.5mm	1x RJ-45[HDBaseT] 1x 3.5mm
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 IR extenders	
HDMI connector		Type A [19-pin female]	
Min DIN connector		DIN-9	
RJ-45 connector		WE/SS 8P8C(Reverse Mode)	
Rotary control switch		None	
3.5mm connector		IR receiver / IR blaster	IR receiver / IR blaster
Mechanical		**962-T**	**962-R**
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		5V 2A 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]	