

SC08.6010 - HDMI over IP



Product Code	Description
SC08.6010	Transmitter and Receiver (KIT)
SC08.6015	Transmitter
SC08.6020	Receiver
SC08.6011	Transmitter and Receiver (KIT), PoE
SC08.6016	Transmitter, PoE
SC08.6021	Receiver, PoE

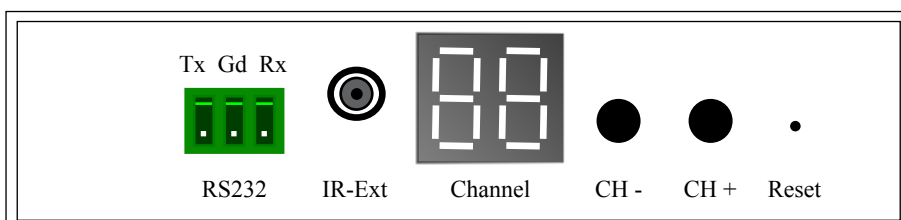
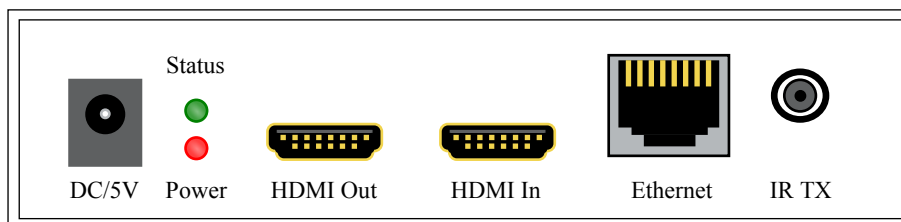
Key Features

- Uses H.264 compression encoding
- TCP/IP protocol, streaming bit rate 15Mbps
- Supports resolutions up to 1080p, LPCM audio
- By pass 2 way UART/RS232, up to 115200 baud
- IR pass-through and transmitter (source) selection
- One to one, one to many and many to many

Description

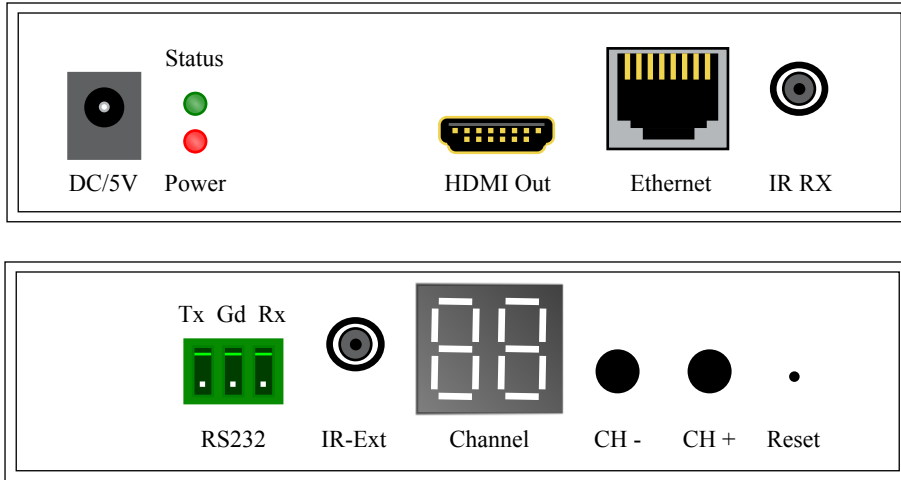
The SC08.6010 transmitters and receivers can be used as point to point extenders up to 120m or when connected to a Gigabit LAN, can create a 64 x 256 HDMI matrix. The transmitter provides a local HDMI output for connecting a local screen. Multicast addresses are set on the transmitters and receivers select these streams using front panel buttons or the infra-red remote supplied with the receiver. Infra-red is also passed through the transmitter for controlling the source devices using the Satellite or DVD remote. The infra-red is routed to ensure you only control the source device selected. Full duplex RS232 enables control of connected screens for volume, power etc. which is useful when used in digital signage applications.

Transmitter - SC08.6015

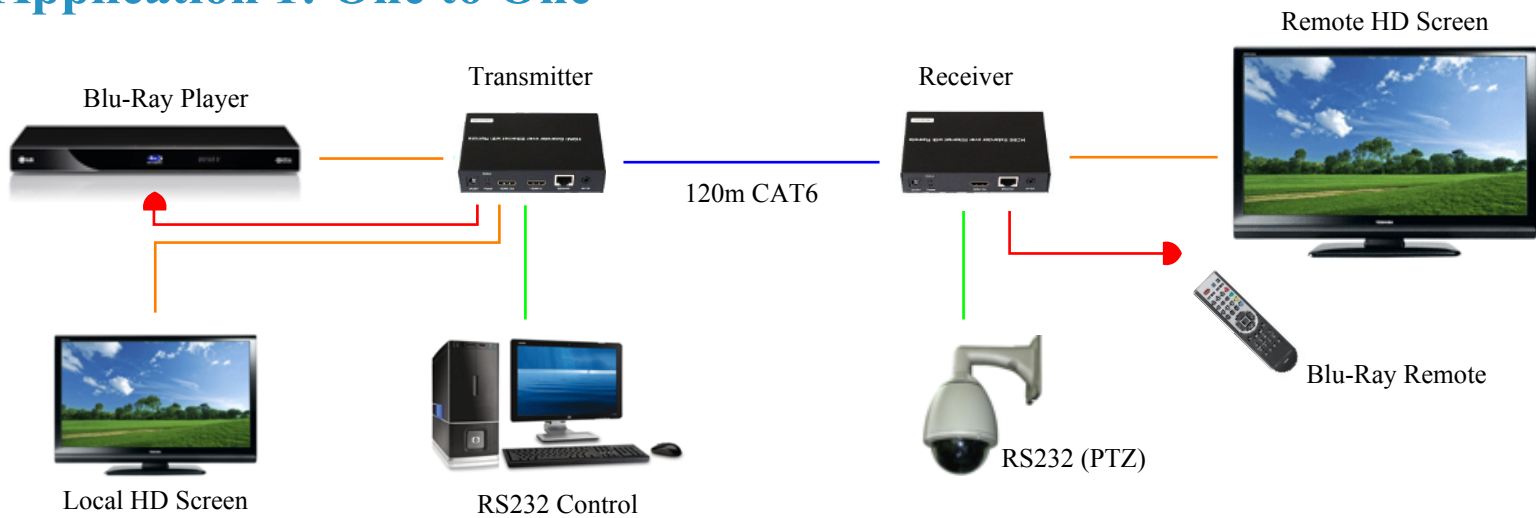


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Receiver - SC08.6020



Application 1: One to One

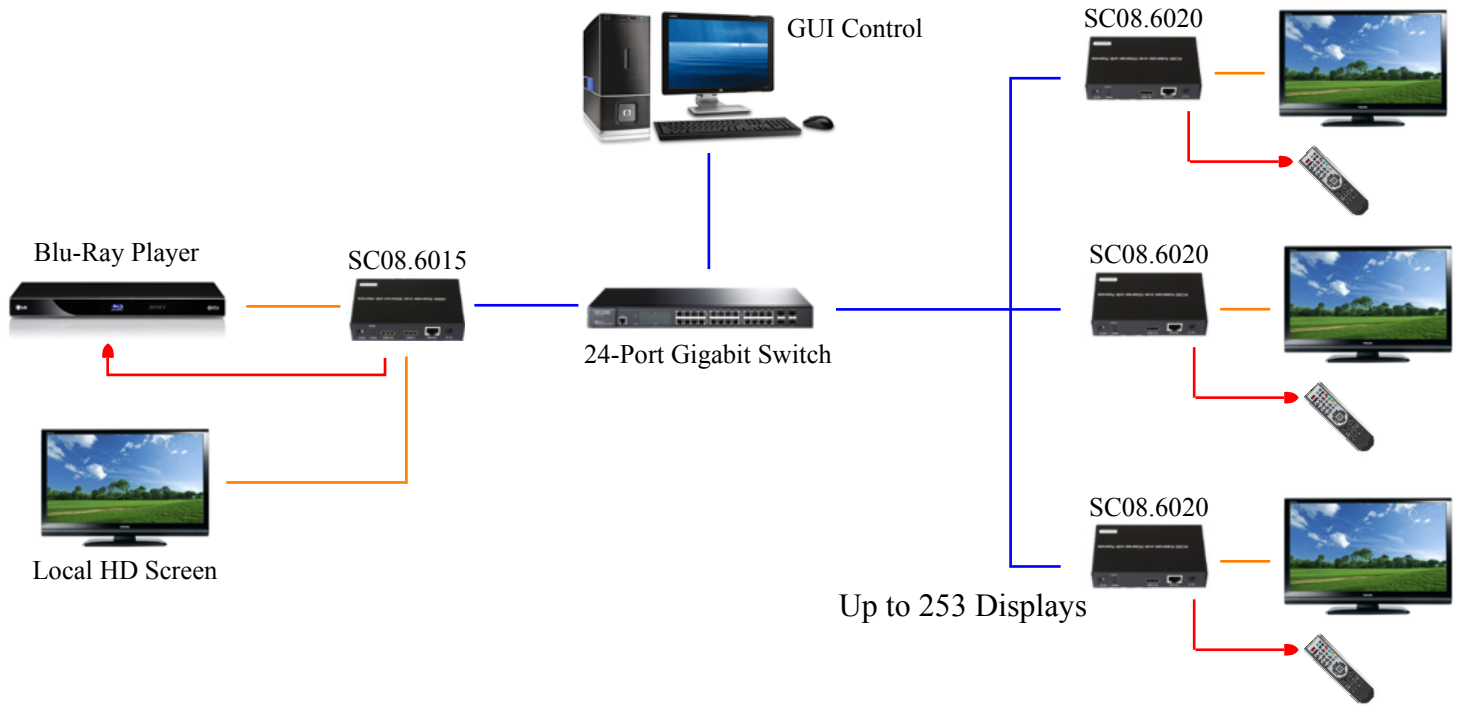


Application 2: Video Player, VLC etc.

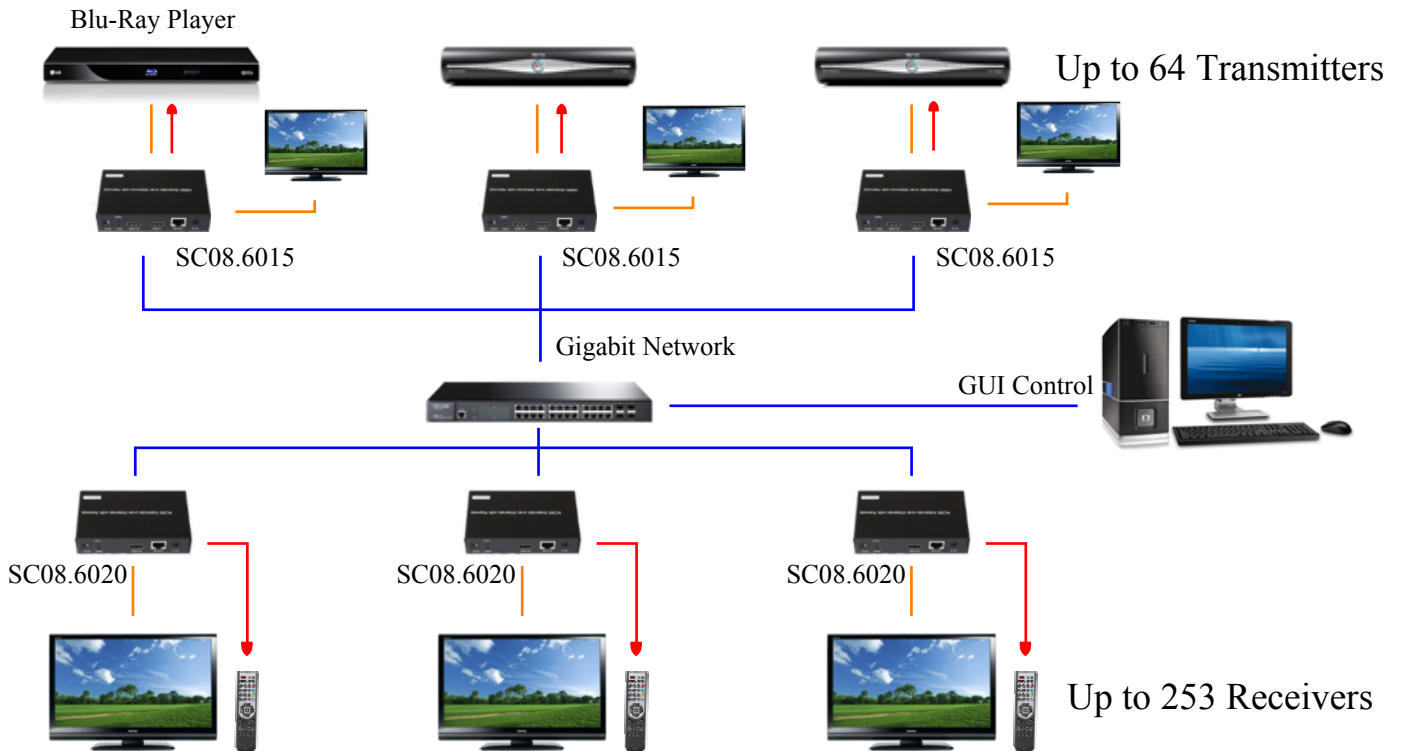


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Application 3: One to Many



Application 4: Many to Many



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Specifications

Performance	
Protocol	H.264 Encoder over TCP/IP
Supported Video Format	480i/576i/480P/576P/720P/1080i/1080P@60Hz
Supported Audio Format	LPCM, Audio Sampling Rate 48KHz
Streaming Bit Rate	15Mbps
HDCP	Compliant
IR Frequency	38 ~ 56 KHz
RS232 Baud Rate	Default 2400 bps, Total 8 Options
IP Setting and Group ID Setting	
Default IP Address	Transmitter - 192.168.1.11 \diamond Receiver - 192.168.1.12
Group ID	Group (00) ~ Group (63)
Switch or Router	Gigabit supporting IGMP Querier and Snooping
Transmitter Connections	
Input	1 x HDMI Type-A Socket
Looped Output (Local Screen)	1 x HDMI Type-A Socket
Ethernet	1 x RJ45 Socket
RS232	Phoenix 3-Way Terminal
Infra-Red (IR TX Port)	1 x 3.5mm Jack Socket (38 ~ 56 KHz)
Infra-Red (Ext Port)	1 x 3.5mm Jack Socket (38 KHz)
Receiver Connections	
Input (Ethernet)	1 x RJ45 Socket
Output	1 x HDMI Type-A Socket
RS232	Phoenix 3-Way Terminal
Infra-Red (IR RX Port)	1 x 3.5mm Jack Socket (38 ~ 56 KHz)
Infra-Red (Ext Port)	1 x 3.5mm Jack Socket (38 KHz)
Environmental and Power	
Operating Temperature	-5 to 35 °C
Operating Humidity	5 to 90% RH (No Condensation)
Power and Consumption	DC/5V @ 1A - Max 3 Watt
Physical	
Dimension	Transmitter: 119 x 79.5 x 28mm, Receiver: 119 x 79.5 x 28mm
Net Weight	Transmitter: 280g, Receiver: 280g