Advance CONNEX

Industrial Grade desian

H.264 Compression

Aluminium Housing

HDMI Loop

HD1080p

AC-S200D
200 meters HDMI Extender (over IP)

AdvanceConnex AC-S200D HDMI Over Ethernet is based on TCP/IP standard. It capable to transmit HD1080p video quality display up to max 200 meters away from your HDMI or DVI-D video source by using single Cat6 cable. With the advantage of TCP/IP standard, user able extend the HD1080p video contents to multiple displays with a Gigabit Ethernet switch.

Features:
- H.264 excellent video compression quality
- Transmits HDMI video and audio signals up to 200m over a single Cat6 cable
- Support video resolution max up to 1920*1080p@60Hz
- Support wide band IR signal transmission
- Support over TCP/IP, one to many applications with Ethernet switch/router
- Compliance with HDMI 1.3 and HDCP 1.2 standard
- High compatibility, can auto-match source and display device
- HDMI Local loop for second display
- Built-in automatic adjustment system, make the image smooth, clear and stable
- Built-in ESD protection system
- Wide voltage support, DC 5V – 12V.
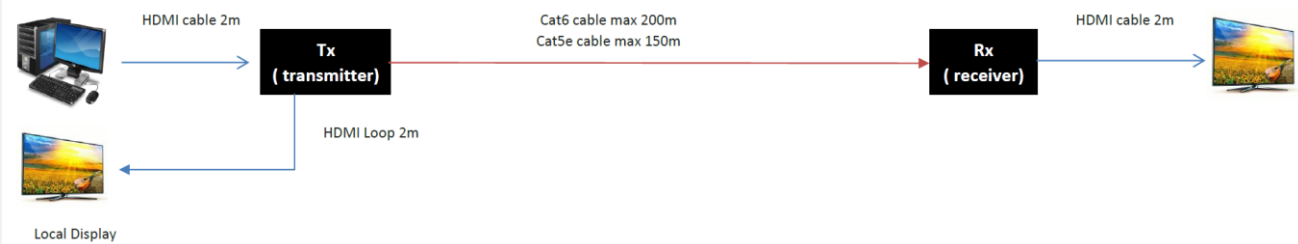
Panel Overview:
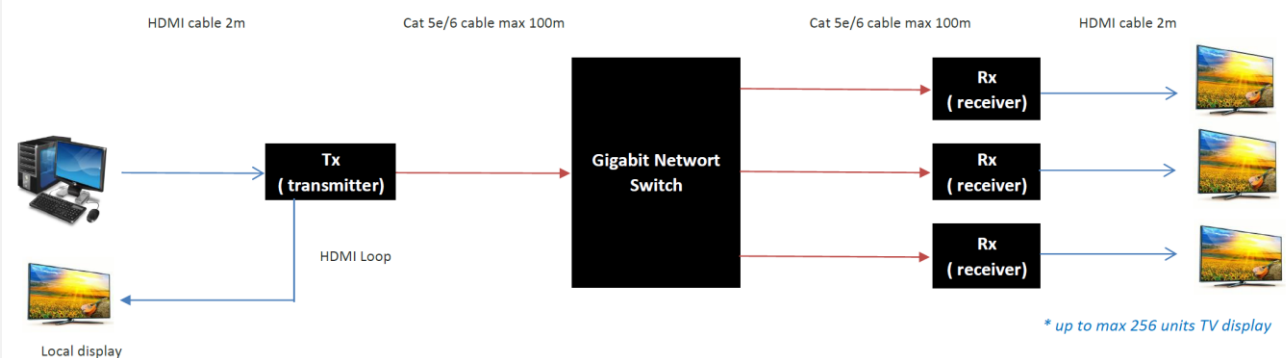
Transmitter unit

Receiver unit

Specification:

Parameter		Description
Video	Standards	HDMI 1.3; HDCP 1.2
	Maximum pixel clock	165MHz
	Maximum data rate	6.75Gbps
	Resolution	Max: 1920X1080p@60Hz
	Connector	HDMI-A
	Impedance	100Ω
IR	Interface	3.5mm
	Signal direction	Unidirectional
	Signal type	Digital
	IR frequency	Wide band 20-60 KHZ
Ethernet	Interface	RJ45
	Transmission distance	Cat5e – max 150m ; Cat6 – max 200m
Other	Power supply	The power adapter: DC 5~12V/1A
	Power dissipation	MAX 8W
	Working Temperature	-15℃ ~ +70℃
	Humidity	0% ~ 95% (no condensation)
	Dimension	120 x 106 x 30 mm
	RS232	Optional (industrial terminal)

Connection Diagram:

1 to 1 connection:

HDMI cable 2m

Cat6 cable max 200m
Cat5e cable max 150m

HDMI cable 2m

Tx
(transmitter)

Rx
(receiver)

HDMI Loop 2m

Local Display

One to many connections:

HDMI cable 2m

Cat 5e/6 cable max 100m

Cat 5e/6 cable max 100m

HDMI cable 2m

Tx
(transmitter)

Gigabit Networt
Switch

Rx
(receiver)

Rx
(receiver)

HDMI Loop

Rx
(receiver)

Local display

* up to max 256 units TV display

Package list:
1. Transmitter x 1 unit
2. Receiver x 1 unit
3. IR cable x 2 units
4. Power adapter x 2 units
5. User manual x 1 unit

www.advanceconnex.com