

DV-95F10

IP based HDMI/DVI Extender over SFP Optical Fiber (With USB, RS-232, IR, Remote Power On/Off options)

The DV-95F10 is a perfect solution for HDMI/DVI + Audio USB KVM Extender (with IR, RS232, Remote On/Off options) over IP based SFP Optical Fiber. The system includes DV-95F10T Transmitter and DV-95F10R Receiver. The Transmitter connects to PC or Blu-ray player for the HDMI/DVI input source, the Receivers connect to display, speaker, microphone, and USB devices. The solution based on the standard Optical SFP Ethernet module, the Transmitter converts input signals (video, audio, USB, ...) to IP packets and Multicast or Unicast to Ethernet switch. On the other end of Receivers, receiving IP packets from Ethernet switch then converts back to video, audio, USB ... and send to display, speaker, USB devices. It is perfect solution for Full HD extension applications, like informational displays, entertainment, boardrooms, courtrooms, medical, military, education digital signage, as well as factory central control room applications.

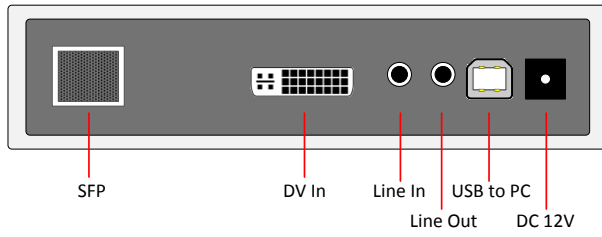


Features

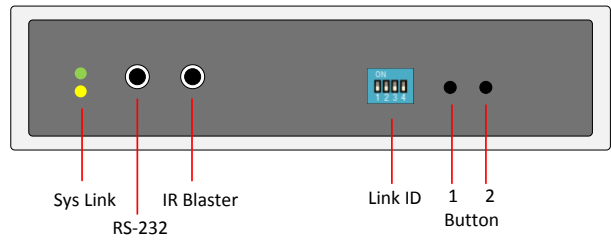
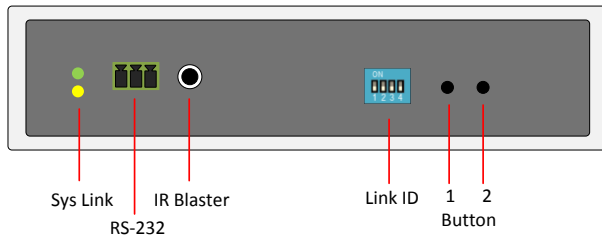
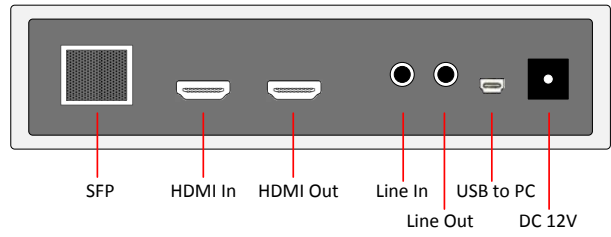
- ❖ Support Full HD video 1080p and PC 1920 x 1200 @ 60Hz resolution.
- ❖ Optical SFP module based inter-connection. Easy cabling, easy installation, easy maintenance.
- ❖ Support one-to-one (unicast), one-to-many (multicast) for Audio/Video real time broadcasting.
- ❖ Support many- to-many for group broadcasting if the Ethernet switch has the IGMP function.
- ❖ The Receiver built with DVI-I, can output DVI/HDMI and VGA at the same time.
- ❖ Support USB KVM extension, you can attach keyboard, mouse, touch screen, USB storage at the Receiver site to control the PC at the Transmitter site.
- ❖ Transmitter support both HDMI/DVI-D and 3.5mm stereo audio input/output.
- ❖ Receiver support HDMI to 3.5mm stereo audio de-embed, support speaker/microphone.
- ❖ Support IR bridge option, can use IR remote control at Receiver site to control the set-top box at the Transmitter site.
- ❖ Support RS-232 bridge option for sending RS232 data in between PC and screens.
- ❖ Support remote ON/OFF option, you can remote power On/Off PC.
- ❖ Pure hardware design, plug-and-play, no any additional software installation is required.
- ❖ Provide Web GUI for configuring the unit (IP, Multi/Unicast, Baud Rate, ...)
- ❖ Provide Connection Manager Software for TXs/RXs connection Management.
- ❖ FCC, CE, RoHS.

Front and Back View

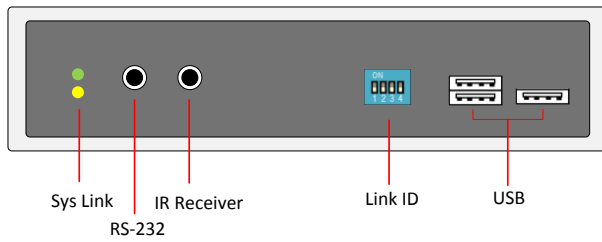
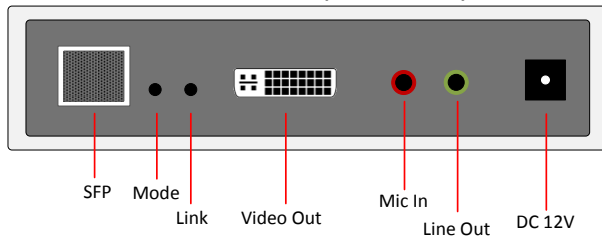
DV-95F10T (Transmitter)



AV-95F10T (Transmitter)



DV-95F10R (Receiver)

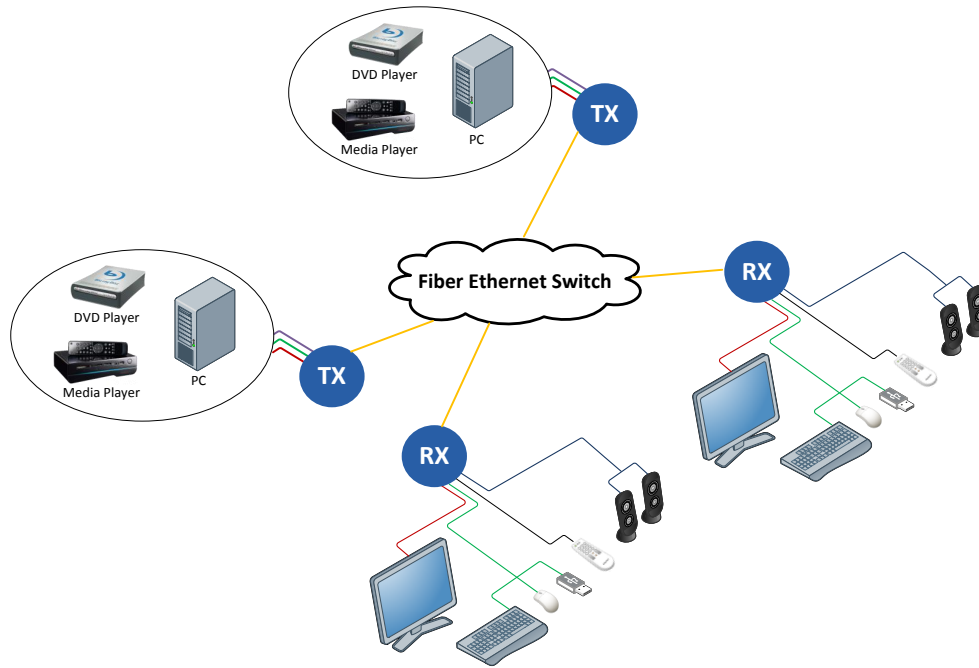


Specification

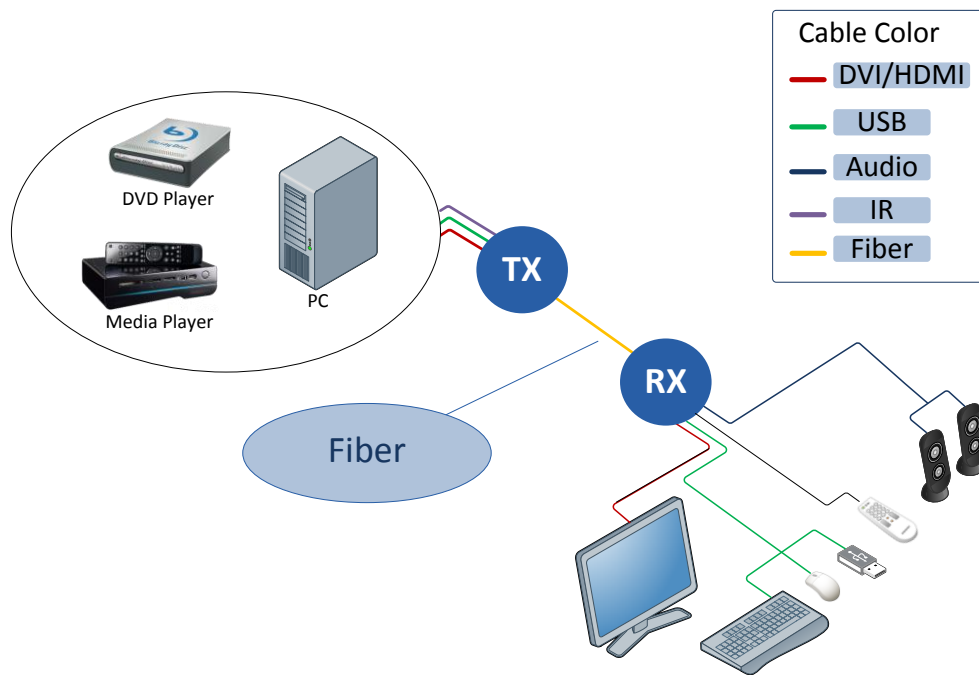
Model No.		DV-95F10T Transmitter	AV-95F10T Transmitter	DV-95F10R Receiver
Connectors	Video Input	1 x DVI connector (HDMI/DVI)	1 x HDMI connector (HDMI/DVI)	N/A
	Video Output	N/A	1 x HDMI connector (Local Loop Out)	1 x DVI-I (HDMI/DVI + VGA)
	Power	DC 12V 2A		
	Network Port	1 x Optical SFP Module LC or SC connector		
	USB Upstream	1	1	N/A
	USB Downstream	N/A	N/A	3 (USB 2.0)
	3.5mm Stereo Line-In	1	1	N/A
	3.5mm Mic-In	N/A	N/A	1
	3.5mm Stereo Line-Out	1		
	IR Bridge (option)	1 x IR Emitter		1 x IR Detector
	RS-232 Bridge (option)	Terminal Block	Yes (3.5mm to DB9 connector)	
	Remote On/Off (option)	3.5mm connector		Push button
Resolution		1080p or PC 1920 X 1200 @ 60Hz		
Inter-connect Cable		Single Mode (1.5KM), or Multi Mode (500 M) Optical Fiber		
Mounting Holes		VESA 75x100 and 100x100		
Environment	Operation Temperature	0 ~ 50°C		
	Storage Temperature	-20 ~ 85°C		
	Humidity	0 ~ 80% Non-condensing		
Physical Properties	Material	Metal (Black)		
	Weight	453 g		453 g
	Dimension	150x110x28 mm		150x110x28 mm

Diagram

- Over Gigabit Ethernet switches.



- Direct Connection



- 19" 1U Rack Mount Plate for 2 x DV-9510T

