DV-95F25

DVI/VGA USB KVM Extender *over* IP *with* Video-Wall

The DV-95F25 is a perfect solution for DVI/VGA with USB/IR/RS232 over IP based SFP Optical Module. The system includes DV-95F25T Transmitter (TX) and DV-95F25R Receiver (RX). The TX connects to PC or Blu-ray player for the DVI/VGA source, the RX connects to display, speaker, microphone, and USB devices. The solution is based on the standard IP technology, the TX converts input signals (video, Audio, USB, …) to IP packets and Multicast/Unicast to Gigabit Ethernet switch. On the other end of RXs, receiving IP packets from Ethernet switch then converts back to DVI/VGA, Audio, USB… and send to display, speaker, USB devices. The Encoder/Decoder engine built with Scaler function, multiple RXs are flexible to be configured as Video-Wall displays. Perfect for AV Broadcasting, KVM Matrix Control, Video-Wall applications like informational displays, entertainment, boardrooms, courtrooms, medical, military, and education digital signage.
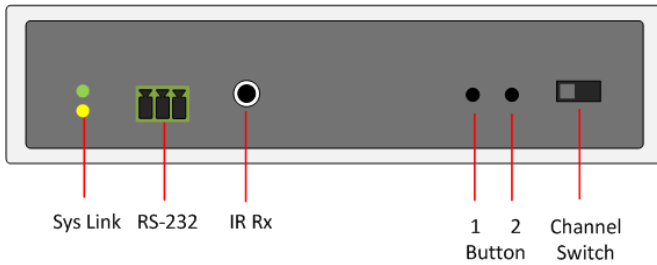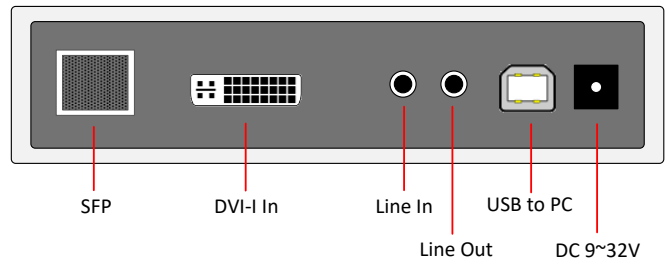
Features

❖ Support 1080p or 1920x1200 DVI/VGA resolution.
❖ Support standard LC/SC connector, SM/MM single core SFP module (1.25Gbps up).
❖ Support one-to-one (Unicast), one-to-many (Multicast) broadcasting.
❖ Support many-to-many Group Broadcasting if the Ethernet switch enabled the IGMP.
❖ Support USB for PC remote control.
❖ The Encoder/Decoder engine built with Scaler function, multiple RXs are flexible to be configured as Video-Wall displays with 180, 270° Rotation.
❖ Support both HD and 3.5mm stereo audio.
❖ The Receiver supports 3.5mm microphone.
❖ Support IR and RS-232 bridge option.
❖ Pure hardware design, plug-and-play, no any software installation required.
❖ Built-in HTTP for the IP address, device name, Multi/Unicast, Baud Rate, … settings.
❖ Provide Connection Manager Software for Transmitters/Receivers Connection Management.
❖ Provide Video-Wall Manager Software for Video-Wall Configuration and Operation Management.
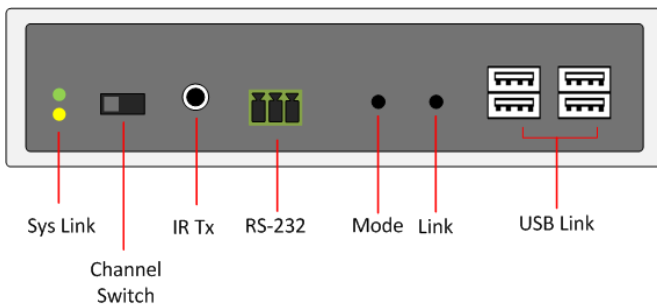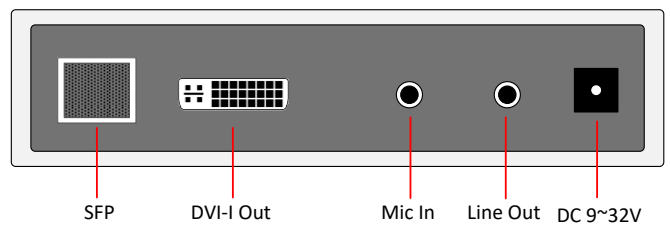❖ FCC, CE, RoHS compliant.

Front, Rear View

DV-95F25T

Front View

Rear View

Sys Link RS-232 IR Rx   1 2 Channel
                    Button Switch

SFP   DVI-I In   Line In   USB to PC
                    Line Out   DC 9~32V

DV-95F25R

Front View

Rear View

Sys Link   IR Tx RS-232 Mode Link   USB Link
Channel
Switch

SFP   DVI-I Out   Mic In   Line Out   DC 9~32V

Direct Connection

DVI/VGA
Computer

DVI/VGA Monitor
Keyboard/Mouse
Stereo Speaker

— HDMI/DVI/VGA
— Audio
— USB

TX

Fiber

RX

Many to Many

TX   TX   RX   RX

Fiber Network
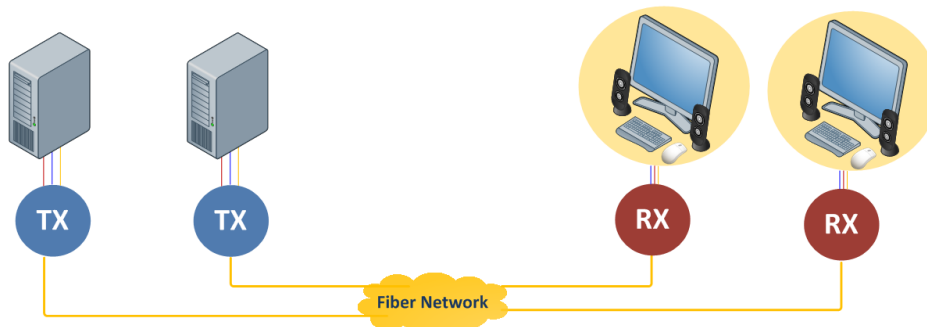
Specification

Model No.		Transmitters	Receiver
		DV-95F25T	DV-95F25R
Connectors	DVI-I connector for DVI-D/VGA input	1	N/A
	DVI-I connector for DVI-D/VGA output	N/A	1
	Power	DC 9~32V, 15W	DC 9~32V, 20W
	Network Port	1 x SFP Module with LC/SC connector, single core of SM/MM cable	
	USB Upstream (to PC)	1 x USB-B	N/A
	USB to Devices	N/A	2 x USB-A 2.0 + 2 x USB-A 1.1
	Mounting Holes	Yes	
	3.5mm Line-In	1	N/A
	3.5mm Mic-In	N/A	1
	3.5mm Line-Out	1	
	IR remote control (option)	1 x IR Blaster	1 x IR Receiver
	RS-232	Yes	
Resolution		1080p or PC 1920 X 1200 @ 60Hz	
Inter-connect Cable		Single Mode (3 KM), or Multi Mode (550 M) Optical Fiber	
Environment	Operation Temperature	0~50°C	
	Storage Temperature	-20~ 85°C	
	Humidity	0~80% Non-condensing	
Physical Properties	Material	Metal (Black)	
	Weight	453 g	458 g
	Dimension	150x110x28mm	150x110x28 mm

Receivers
Receivers

Multiple-Sources

Ethernet LAN

Receiver

Transmitters

KVM Receiver

Computers

Video-Wall / Connection Manager