

Transmission Terminals

4K60 Series

Features

- Up to 4K60-444 Display Resolution
- USB Pass-thru
- Support KVM over IP
- 1 frame latency
- Gigabit Network
- 4:4:4
- POE Optional
- Support Tx Grouping and Authorization
- MJPEG Preview
- Support HDCP 2.2

Design Introduction

Type	Transmitter		Receiver	
Model	PAV-T4602	PAV-T4603	PAV-R4602	PAV-R4603
HDMI (IN/OUT)	1 (IN)	1 (IN)	1 (OUT)	1 (IN)
RJ45	1 (1G)	1 (1G)	1 (1G)	1 (1G)
USB	2 (Type B)	2 (Type B)	5 (Type A)	5 (Type A)
3.5mm IN /OUT	1 IN / 1 OUT	1 IN / 1 OUT	1 IN / 1 OUT	1 IN / 1 OUT
LED Indicator	3	3	3	3
I/O	2out/1in	2out/1in	2out/1in	2out/1in
Power Out	5V/200mA	5V/200mA	5V/200mA	5V/200mA
Function key	2	2	2	2
RS-232	1	1	1	1
Dimension	225*118*31	225*118*31	225*118*31	225*118*31
Weight	580 g	585 g	590 g	585g
POE	X	V	X	V
DC Power in	DC 5V ~ 19V	DC 5V ~ 19V	DC 5V ~ 19V	DC 5V ~ 19V

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Specifications

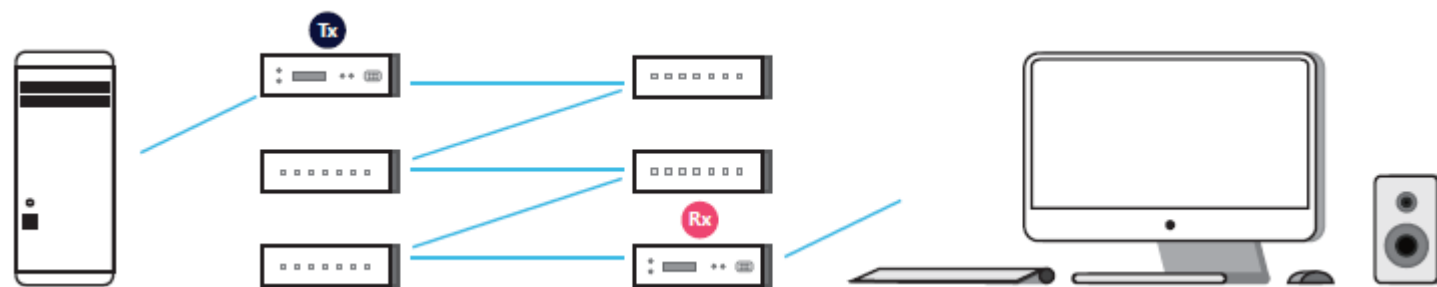
Type	Transmitter	Receiver
Model	PAV-T4602 / PAV-T4603	PAV-R4602 / PAV-R4603
Video		
Max. Resolution	3840x2160P60 (HDMI)	
HDMI	HDMI 2.0b input (Compatible DVI-D)	
3D Format	HDMI 1.4b 3D:TnB, SbS, F.P	
Colour Depth	1080p: 24, 30, 36 bpp – 2160p: 24bpp	
HDR	Yes	
HDCP 2.2	Yes (Compatible 1.4, 1.0)	
EDID	Built-in EDID simulator, Support display EDID or customized EDID	
Latency (Tx → Rx, Typ.)	1 frame (less than 16ms)	
Compression	Visual Lossless (Compressed Transfer)	
Display Input/ Output mix	Support HDMI-in to VGA out, and VGA-in to HDMI-out	
Scaler	Yes (Support Resolution upscaling/ downscaling, interlace → progressive)	
Picture Preview	Yes (Support BMP, PNG, JPG)	
Audio		
HDMI format	2ch and 8ch LPCM, 5.1ch and 7.1ch NLPCM (Dolby TrueHD, DTS-HD, Dolby Atmos, DTS:X)	
Port	3.5mm (Stereo)	
Two-way transmission	Analog, under UNICAST mode	
Digital & Analog switch	Yes (Analog → HDMI, or HDMI → Analog)	
USB Interface		
Max. USB Ports	5	
Support devices	USB in/put devices, Card reader, Storage, etc.	
KVM	Support, OSD menu, hot key, Multi Rx to 1Tx Control	
Mouse Roaming	Support, Cross platform	
Authorization Control	Support, USB type, KVM control (Optional)	
IR		
Frequency	30K to 50K	
Operation	Two-way, half-duplex	
RS232		
Speed rate	300 to 115200 bps	
Work mode	Virual, TCP/UDP server, uni-mode, brocast mode	
Operation	Two-way, full-duplex	
GPIO		
Out	2 (0-3.3V)	
In	1 (0-3.3V)	
Transmission		
Standard	TCP/IP	
Network	1G/ RJ45 (Suggest CAT5E, CAT6, CAT7 cable) (POE Optional)	
Fiber (Optional)	SFP +Support Single/ Multimode, Single/ Duplex LC	
Redundancy (Optional)	Yes, Electro-Optical switching	
Other Specs		
Power	DC 5-19V/ 8W (Without USB & Module Power Supply)	
Module Power Out	5V/ 500mA	
Storage Temperature	-30 to 70	
Working Temperature	-10 to 60	
Size	225*118*31	
Weight	580g (Standard)	590g (Standard)

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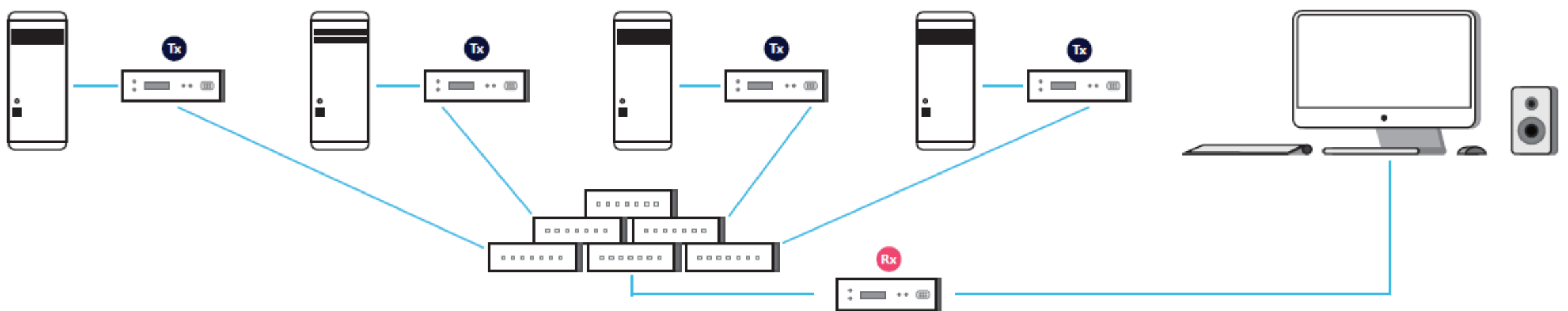
Application Concepts



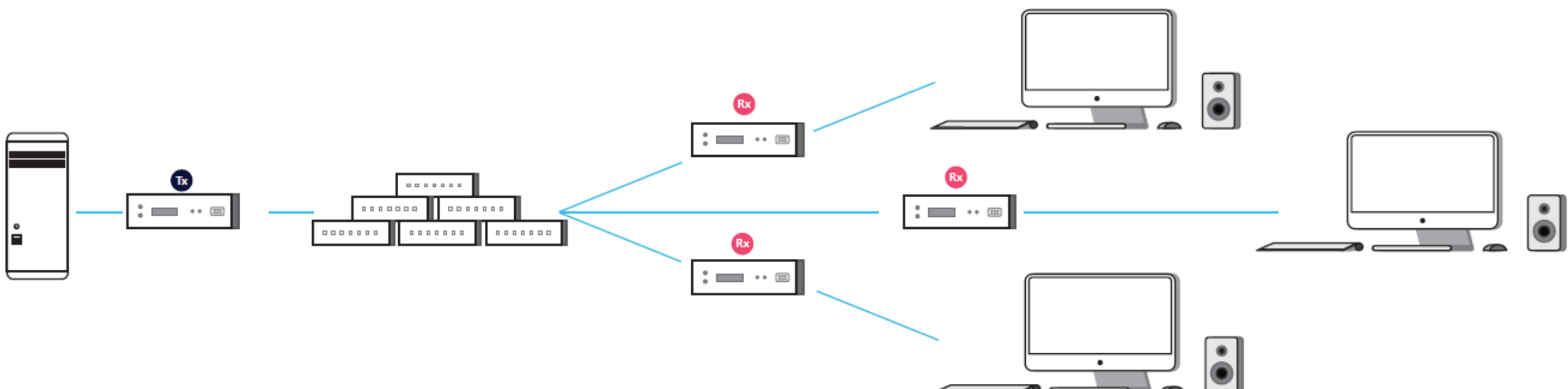
Spot to Spot Mode: Tx – Rx as long distance extension, up to 100m



Spot to Spot Mode: With multiple switch box



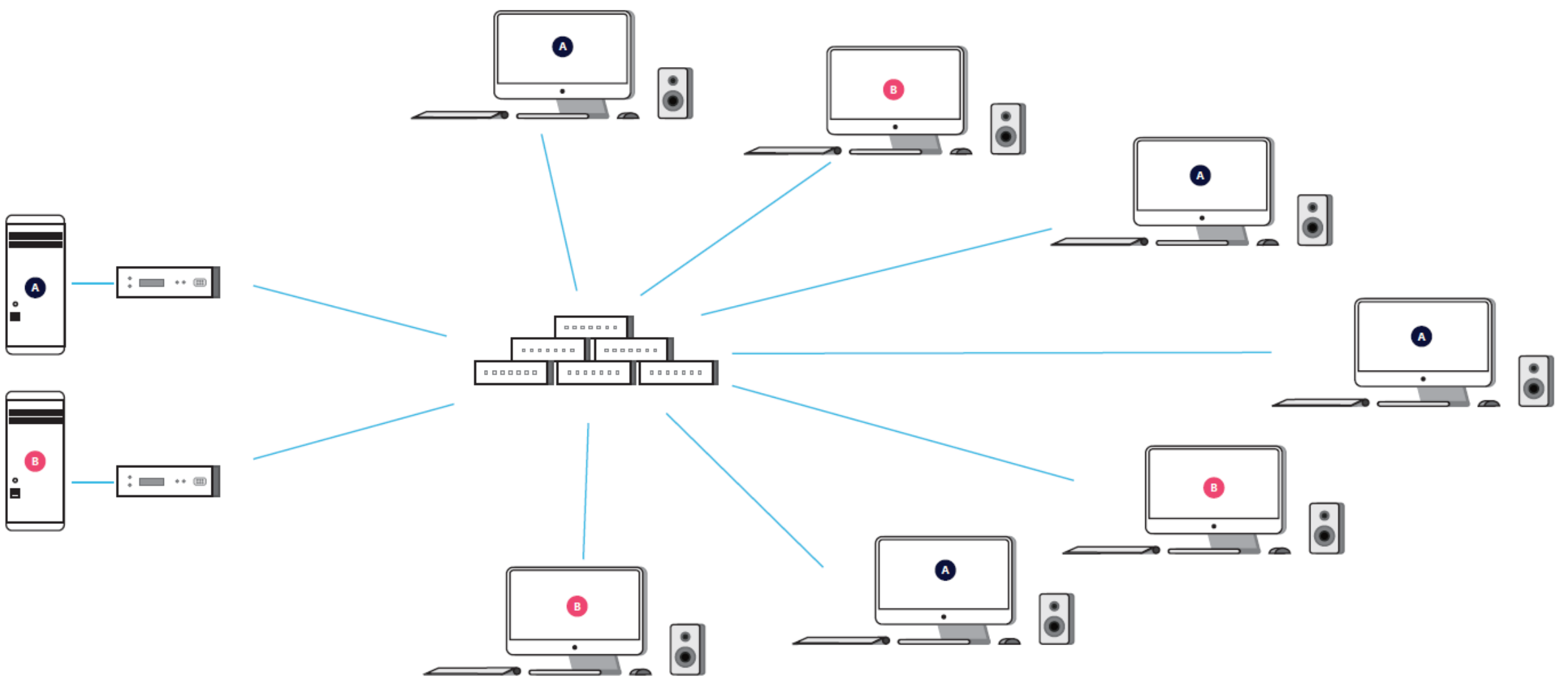
One to multiple sources control, switch on Rx end



Multiple Rx ends share one source

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Application Concepts



Multiple Tx and Rx Connections