



# P2P-KDR340

**Point to Point Single Head DisplayPort 4-Port Receiver with 3x CATx and Fiber**

P2PKVM Series High-Performance KVM-over-IP Extender & Matrix Solution Designed for mission-critical environments, it delivers ultra-low latency, high-resolution video, and secure connectivity over IP networks, ensuring efficient system control and flexibility.

## FEATURES



Selectable Direct, Matrix, and SaviGate modes via web interface



Supports DP Video up to 1920x1080 @ 30 Hz or 1080p @ 60 Hz



Transparent USB 2.0 extension for peripherals



SaviGate Gateway support for centralized management (sold separately)



Ultra-low latency JPEG2000 compression



Plug-and-play installation



Analog audio and RS-232 passthrough



EDID learning and management



Up to 100 m over CATx / 10 km over fiber

## IDEAL USE CASES



AV and IT extension for secure environments



Digital signage and workspace centralization



Medical and industrial command centers



Military and government operations



Broadcast and production control rooms

# HOW IT WORKS

## Flexible KVM extension and switching

The P2P-KDR340 can operate in multiple modes depending on your application needs:



### Direct Mode

Simple point-to-point extension without configuration



### Matrix Mode

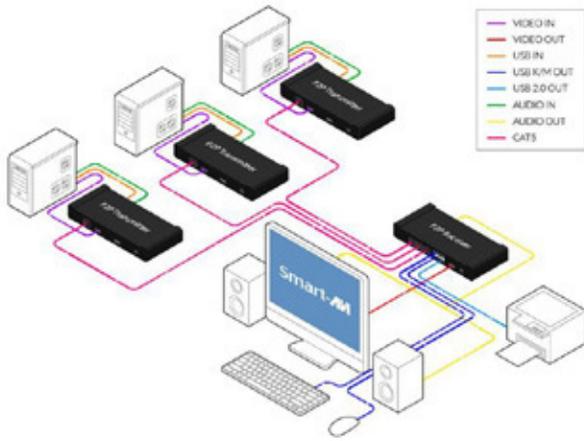
OSD-based multi-user KVM switching across a network



### SaviGate Mode

Centralized management, access control, and advanced routing when integrated with a Savigate controller

Modes are easily changed using a simple dropdown menu within the web browser interface of each unit.



### COMPATIBLE TRANSMITTERS

Pairs with the following transmitter models for point-to-point operation:

- **P2P-KVT302** - DVI Transmitter via CATx & Fiber
- **P2P-KHT302** - HDMI Transmitter via CATx & Fiber
- **P2P-KDT302** - DisplayPort Transmitter via CATx & Fiber

### SPECIFICATIONS

Video OUT	
Format	DisplayPort 1.2 dual-head, video bandwidth up to 17.28 Gbps per channel
Video Resolution	Up to 1920x1080 @ 30 Hz (each output)
Connector	(2) DisplayPort (20-Pin female)

System	
Interface	EDID storage & emulation
Transmission Distance	CAT5: up to 100 m; LC Connector Fiber Multimode: up to 500 m; Fiber Single Mode: up to 10 km
Compression	Ultra-low latency JPEG2000
RS-232	Optional pass-through up to 115200
Management	Selectable Direct, Matrix, SaviGate Gateway support for centralized management (sold separately)

Audio	
Format	PCM 2.0/2.1/5.1/7.1, Dolby Digital 5.1 ch, Dolby Digital Plus, Dolby TrueHD, DTS 5.1 ch
Input / Output Interface	3.5 mm Stereo Aux Socket (female)

USB	
Output	(4) USB Type A Ports, USB 2.0, USB 1.1, USB 1.0 compatible
K/M	Keyboard & Mouse Emulation

Other	
Power	EDID storage & emulation
Reliability (MTBF)	135,540 hours (MIL-HDBK-217F (N2) Parts Count prediction Calculator)
Operating Temp.	0°C to 45°C (32°F to 113°F)
Humidity	10% to 90%, non-condensing
ESD Protection	Protection per IEC 61000-4-2 standard at ±30 kV air and ±30 kV contact
Support Warranty	1-year
Certification	CE, FCC, RCM, UL
Dimensions	11.5"W x 5.25"D x 1.70"H
Weight	1.81 lbs and 0.82 kg

### ORDERING DETAILS

P2P-KDR340-S	HDMI Transmitter with Single-Head support, Point-to-point mode over CATx & Fiber connection. [P2P-KDR340, PS5VD2A]
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