



P2P-KVR302

Point-to-Point Dual-Head DVI CAT5 & Fiber Receiver with USB 2.0, Audio, and RS-232.

P2PKVR Series High-Performance KVM-over-IP Extender & Matrix Solution. Designed for mission-critical environments, it delivers ultra-low latency, dual DVI video, and secure connectivity over CAT5 and Fiber networks, ensuring efficient system control and flexibility.

FEATURES



Selectable Direct, Matrix, and SaviGate modes via web interface



Supports DVI up to 2560×1600 @60Hz on two monitors



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-KVR302 can operate in multiple modes depending on your application needs:



Direct Mode

Simple point-to-point extension without configuration



Matrix Mode

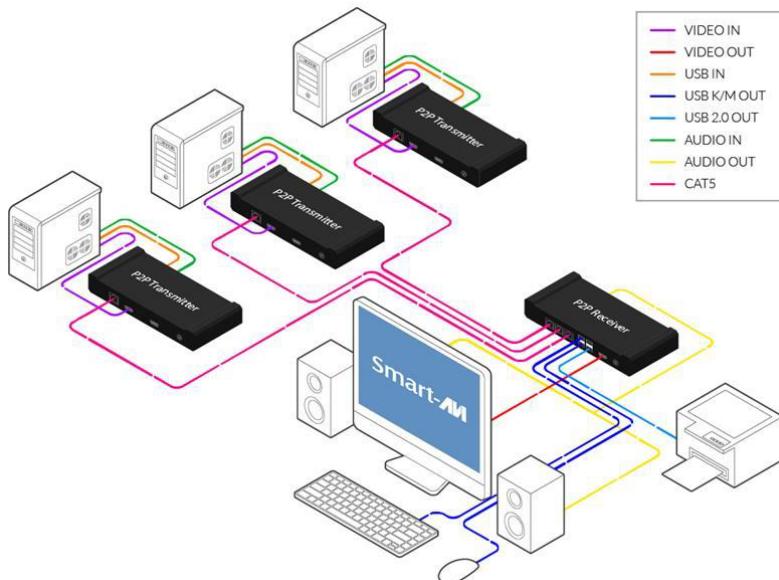
OSD-based multi-user KVM switching across a network



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-KHR302** - Dual-Head HDMI Receiver via CATx & Fiber
- **P2P-KDR302** - Dual-Head DisplayPort Receiver via CATx & Fiber

SPECIFICATIONS

| Video OUT | | USB | |
|-----------------------|--|------------------|--|
| Format | DVI-D Dual-Link Dual-Head, Video Bandwidth Up To 9.9 Gbps per channel | Out | 4x USB Type A Ports, USB 2.0, USB 1.1, USB 1.0 compatible |
| Video Resolution | Up To 2560 x 1600 @ 60 Hz (each head) | KM | Keyboard & Mouse Emulation |
| Connector | 2x DVI-D Dual-Link (25-Pin Female) | Other | |
| System | | | Power |
| Interface | EDID Storage & Emulation | | 12v DC, 3A (Power Supply Included) |
| Transmission Distance | Up To 100m; LC Connector Fiber Multimode: Up to 500m; Fiber Single Mode: Up to 10km | | 135,540 Hours (MIL-HDBK-217F (N2) Parts Count Prediction Calculator) |
| Compression | Ultra-Low Latency JPEG2000 | | Environmental Operating Temperature |
| RS-232 | Optional Pass-through up to 115200 | | 0°C to 45°C (32°F to 113°F) |
| Management | Selectable Direct, Matrix, SaviGate Gateway support for centralized management (sold separately) | | Environmental Operating Humidity |
| Audio | | | 10% to 90%, non-condensing |
| Format | PCM 2.0/2.1/5.1/7.1, Dolby Digital 5.1 ch, Dolby Digital Plus, Dolby TrueHD, DTS 5.1 ch | | ESD Protection |
| In/Output Interface | 3.5 mm Stereo Aux Socket (Female) | | Protection per IEC 61000-4-2 Standard at ±30kV Air and ±30kV Contact |
| | | Support Warranty | 1-Year |
| | | Certification | CE, FCC, RCM, UL |
| | | Dimensions | 11.5"W x 5.25"D x 1.70"H |
| | | Weight | 1.81lbs and 0.82kg |

ORDERING DETAILS

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| P2P-KVR302-S | HDMI Transmitter with Single Head support, Point-to-Point mode over CATx & Fiber connection. [P2P-KVR302, PS5VD2A] |
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