



# P2P-KHT300

HDMI KVM-Over-IP Extender/Matrix Device –  
Single Head, CATx + Fiber

Extend, control, and manage your HDMI-based workstation over IP with the P2P-KHT300. Supporting flexible Direct, Matrix, and SaviGate modes, the P2P-KHT300 adapts to your installation needs — from simple point-to-point extensions to full multi-user managed environments — over CATx or Fiber.

## FEATURES

- SUPPORTS HDMI VIDEO UP TO 4K @ 30HZ OR 1080P @ 60HZ
- TRANSPARENT USB 2.0 EXTENSION FOR PERIPHERALS
- ANALOG AUDIO AND RS-232 PASSTHROUGH
- SELECTABLE DIRECT, MATRIX, AND SAVIGATE MODES VIA WEB INTERFACE
- SAVIGATE GATEWAY SUPPORT FOR CENTRALIZED MANAGEMENT (**SOLD SEPARATELY**)
- UP TO 100M OVER CATX / 10KM OVER FIBER
- ULTRA-LOW LATENCY JPEG2000 COMPRESSION
- PLUG-AND-PLAY INSTALLATION
- EDID LEARNING AND MANAGEMENT

## IDEAL USE CASES

- AV AND IT EXTENSION FOR SECURE ENVIRONMENTS
- BROADCAST AND PRODUCTION CONTROL ROOMS
- MILITARY AND GOVERNMENT OPERATIONS
- MEDICAL AND INDUSTRIAL COMMAND CENTERS
- DIGITAL SIGNAGE AND WORKSPACE CENTRALIZATION

# HOW IT WORKS

## FLEXIBLE KVM EXTENSION AND SWITCHING

The P2P-KHT300 can operate in multiple modes depending on your application needs:

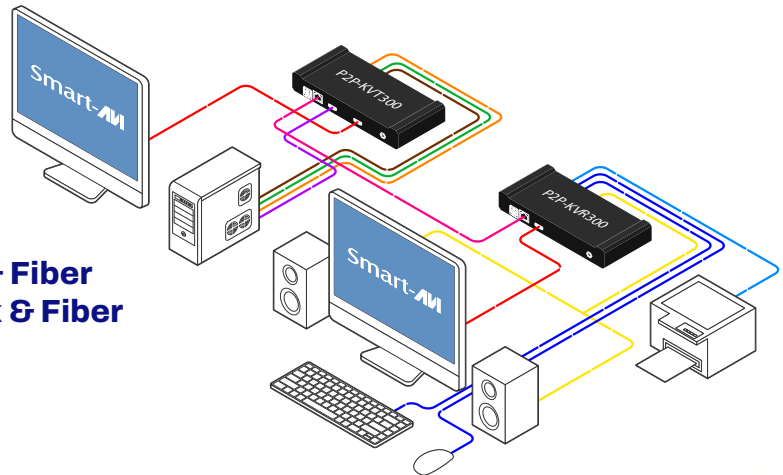
- **Direct Mode:** Simple point-to-point extension without configuration
- **Matrix Mode:** OSD-based multi-user KVM switching across a network
- **SaviGate Mode:** Centralized management, access control, and advanced routing when integrated with a SaviGate controller

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

## COMPATIBLE RECEIVERS

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

- **P2P-KVR300** – DVI Receiver via **CATx & Fiber**
- **P2P-KHR300** – HDMI Receiver via **CATx & Fiber**
- **P2P-KDR300** – DisplayPort Receiver via **CATx & Fiber**



# TECHNICAL SPECIFICATIONS

FEATURE	DESCRIPTION
Video	(1) HDMI (female), (1) HDMI local (female)
Max Resolution	1920 x 1080 @ 60 Hz
USB	(1) USB Type B
Audio	(2) Stereo 3.5 mm (female)
RS-232	DB9 (female)
Transmission	RJ45 and/or SFP Fiber
Control	LEDs
Power	5V DC, 2A
Dimensions	8.5" W x 4" L x 1.8" H

## ORDER INFO

PART NO.	DESCRIPTION
P2P-KHT300-S	HDMI Transmitter with Single Head support, Point-to-Point mode over CATx & Fiber connection. [P2P-KHT300, PS5VD2A]

[www.smartavi.com](http://www.smartavi.com)

Tel: (888)-994-7427 • (702) 800-0005  
2917 E Alexander Rd  
North Las Vegas, NV 89030

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