



P2P-KM100

SaviGate P2PManager Controller —
centralized and secure control system for
P2P Series KVM-over-IP devices.

Complete & Secure Control for P2P Series
KVM-over-IP

FEATURES



Web-based control interface

Intuitive UI accessible from any
browser



Live switching

Connect/disconnect receivers
and transmitters in real-time



User & group management

Create role-based access
permissions



Centralized monitoring

View connected devices, status,
and network health



No software required

All configuration is done from the
controller itself



Active Directory integration

Import and manage users from
your AD system



Highly scalable

Supports up to 100 transmitters/
receivers per controller



Automatic discovery

Auto-detects all P2P units on the
same network

IDEAL USE CASES



Government & military AV
infrastructure



Enterprise IT
environments



Broadcast & post-
production



Education & command
centers



Live events / centralized AV
switching

OVERVIEW

The **P2P-KM100** is a compact, standalone hardware controller designed to provide centralized control and live switching for SmartAVI's P2P KVM-over-IP product family. It enables users to easily manage and monitor multiple transmitters and receivers from a **web-based dashboard**, making it ideal for medium to large deployments that require flexible control, user permissions, and advanced routing. Built for **ease of use and scalability**, the P2P-KM100 connects to any standard 1G network and requires no client software — simply plug it in, access the interface via browser, and take command.

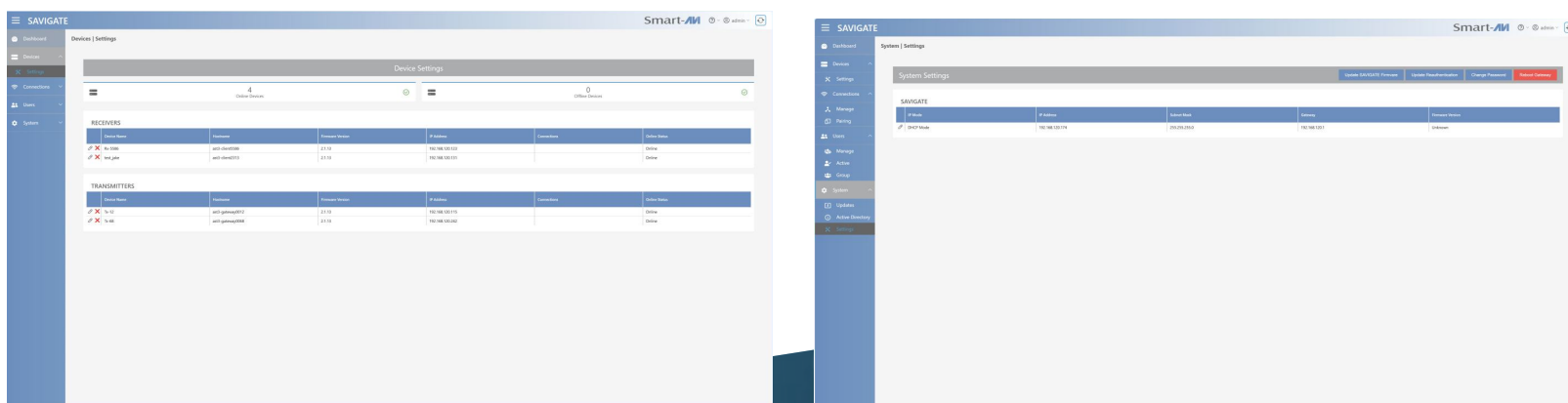
WHY SAVIGATE P2PMANAGER?

In large-scale or security-sensitive environments, managing dozens of endpoints individually is inefficient and prone to error. The **SaviGate P2PManager** solves this by introducing **centralized, browser-based oversight** of your entire IP KVM ecosystem.

With P2PManager, you can:

- **Visualize your system:** Instantly see which receivers are connected to which transmitters.
- **Trigger connections on demand:** Initiate or terminate KVM sessions with a click.
- **Prevent unauthorized access:** Restrict receiver access by user, group, or device.
- **Audit usage logs:** Track user sessions and switching activity for security review.

Unlike traditional matrix controllers, the P2PManager works in pure software over IP — making it easier to deploy, scale, and secure.



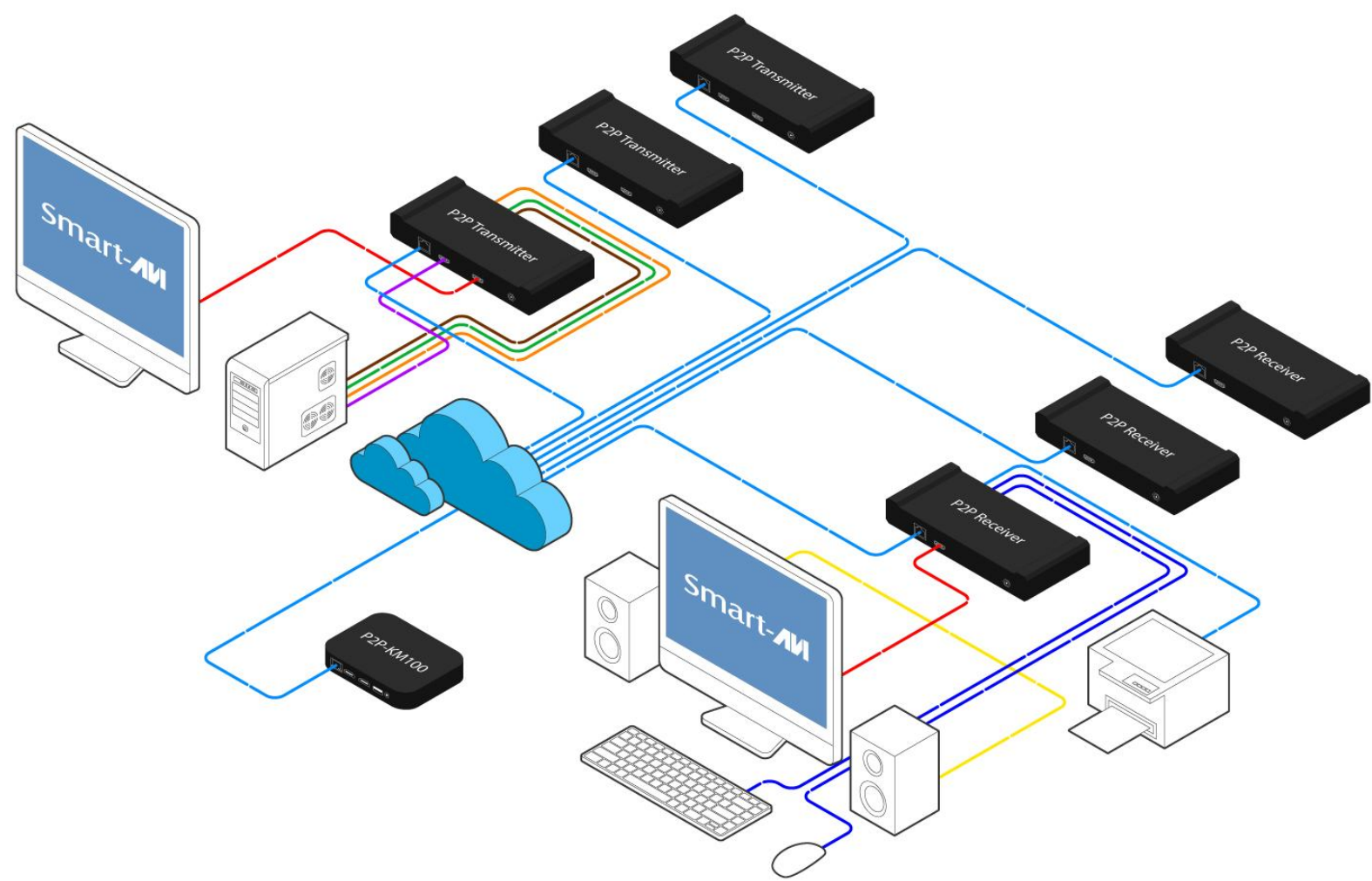
WHY SAVIGATE P2PMANAGER?

With P2PManager, you can:

1. Connect the controller to your network via LAN.
2. Power it using the included USB-C adapter.
3. Launch any browser on the same network and go to the controller's IP address.
4. Log in using the default credentials and begin configuration.

No external software, no drivers, no cloud accounts — **fully self-contained control**.

APPLICATION DIAGRAM



SPECIFICATIONS

Category	Details
Hardware Compatibility	All computers with DisplayPort, USB 2.0, audio, RS-232 (requirement dependent)
Video Interface	Up to 3840×2160 @30Hz (8-bit) or 2560×1600 @60Hz (8-bit) on two monitors
Audio	Stereo analog audio (line-in, line-out, mic-in, headphones)
USB 2.0	Supports up to 6 devices (low/full speed).
RS-232	Pass-through up to 115200 bps baud rate
Connections (RX)	(2) DisplayPort, (4) USB Type-A, (2) 3.5mm stereo jacks (in/out, mic, headphone), (1) DB9 RS-232, RJ45 (CATx) and/or SFP Fiber
Transmission Distance	CATx: up to 100m; Fiber Multimode: up to 500m; Fiber Single Mode: up to 10km
Compression	Ultra-low latency JPEG2000
Management	Selectable Direct, Matrix, SaviGate modes via web interface; SaviGate Gateway support for centralized management (sold separately)
Environmental	Operating: 0°C to 40°C (32°F to 104°F); Storage: -20°C to 70°C (-4°F to 158°F); Humidity: 10-90% non-condensing; Altitude: up to 2000m (6561 ft)
Reliability (MTBF)	100,000 hours
Power	12V DC, 3A (power supply included)
Physical Design	1U compact chassis, 11.75" W x 5 7/16" D x 1.75" H, Weight: 0.75 kg / 1.65 lbs
Certifications	CE, FCC, RCM, UL

ORDERING DETAILS

Part No.	Description
P2P-KM100-S	SaviGate P2PManager Controller - Complete & Secure Control for P2P Series KVM-over-IP