

4x1 HDMI KVM Switch with MultiView Tiling — 4K60

Control Four PCs from One Desk with Seamless Switching, Quad-View Display & USB 3.0

MPN: KVM-4X1MV4K



OVERVIEW

Combines up to four HDMI sources on a single 4K display with eight layout modes — Single, PIP, PBP, Triple, and Quad — while sharing one keyboard, mouse, and USB peripherals across all four PCs. The KVM-4X1MV4K is a seamless switcher and multiviewer in one box, eliminating the need for separate monitors per computer.

Designed for NOC/SOC monitoring, broadcast production, AV control rooms, and multi-system developers who need eyes on four machines simultaneously. Supports 4K60 4:4:4 input and output, HDCP 2.2, seamless switching in single-screen mode, and fast switching in multiview mode. Audio de-embedding via RCA analog and optical S/PDIF with independent volume control. OSD menu, controller software, RS-232, IR remote, front-panel buttons, and keyboard/mouse hotkeys provide six ways to control. Ships with 4x USB cables, IR remote, and mounting ears.

1 PRODUCT OVERVIEW

DESIGNED FOR

NOC/SOC operators, broadcast engineers, multi-system developers monitoring 4 PCs.

THE CHALLENGE

4 monitors per desk is expensive and cluttered. Dedicated multiviewers cost \$1,500+ and lack KVM.

THE KANEXPRO ADVANTAGE

MultiView + KVM in one box — 8 layout modes, seamless switching, OSD, optical audio, USB 3.0.

2 PRODUCT POSITIONING

KVM-4X1MV4K replaces separate KVM + multiviewer hardware with one device.

3 APPLICATIONS

NOC / SOC Monitoring

Quad-view four servers, firewalls, or dashboards on one screen. Hotkey to any machine for control.

Broadcast Production

Preview four camera feeds or graphics engines on one monitor. Select and control any source instantly.

Software Development

Monitor build, test, staging, and production servers on one display. Switch USB to debug any machine.

Financial Trading

Watch four market data feeds simultaneously. Click into any window to execute trades.

Education / Training

Instructor monitors four student machines on one screen during lab sessions.

AV Control Rooms

Combine four presentation sources for preview before sending to main displays.

4 WHO THIS IS FOR

NOC/SOC

Broadcast

Dev/IT

Finance

Education

AV Integration

Ideal User

NOC manager, broadcast engineer, IT admin

Project Types

Enterprise IT, Broadcast, Education, Finance

Typical Buyer

IT director, broadcast engineer

5 KANEXPRO PRODUCT COMPARISON

KanexPro KVM switches for different use cases:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
KVM-4X1MV4K	4×1 MultiView KVM	4K60, HDCP 2.2, USB 3.0	See all 4 PCs on one screen; 8 layout modes
KVM-2X1DUAL8K	2×1 Dual-Display KVM	4K60, HDCP 2.3	2 PCs, 2 monitors; no multiview
KVM-2X1HDMI8K	2×1 Single-Display KVM	8K60, HDCP 2.3	2 PCs, 1 monitor; highest resolution

Choose KVM-4X1MV4K when you need to see and control 4 PCs from one screen.

6 FREQUENTLY ASKED QUESTIONS

Q: How many PCs can I see at once?

Up to 4 in Quad mode. Also PIP (main+overlay), PBP (side-by-side), and Triple layouts.

Q: Is switching seamless?

Single-screen mode: yes. Multiview mode: fast with brief transition.

Q: What audio outputs are available?

RCA analog (PCM 2.0) and optical S/PDIF (DD/DTS 5.1, PCM 2.0). Volume control via OSD or IR.

Q: Can I control it from Crestron?

Yes — RS-232 (3-pin phoenix, 115200 baud) + controller software via USB.