

HDMI 4x1 Quad Multi-View Seamless Switcher 4K@60 4:4:4

Monitor Four 4K Sources on a Single Display with Seamless Switching, 8 Display Modes & Audio De-Embedding

MPN: VW-MVIEW4X1



1 PRODUCT OVERVIEW

DESIGNED FOR

AV integrators, IT managers, and system designers deploying multi-source display environments in corporate boardrooms, command centers, houses of worship, education facilities, and healthcare settings.

THE CHALLENGE

Monitoring multiple HDMI sources typically requires multiple displays or expensive video wall processors. Budget multiviewers cap at 1080p or 4K@30Hz, leaving a gap for professionals who need true 4K@60Hz multiview with seamless switching and professional audio extraction.

THE KANEXPRO ADVANTAGE

The VW-MVIEW4X1 delivers true 4K@60Hz 4:4:4 multiview at 18Gbps with 8 flexible display modes, seamless switching, dual audio de-embedding (analog + optical S/PDIF), HDCP 2.2/1.x compliance, and full RS-232/IR/OSD/software control — at a competitive price point that significantly undercuts comparable solutions while matching or exceeding their feature sets.

2 PRODUCT POSITIONING

The VW-MVIEW4X1 is the 4K@60Hz HDMI multiviewer for AV integrators who need professional multi-source monitoring on a single display without the cost or complexity of a video wall processor.

3 APPLICATIONS

Corporate Boardroom

Monitor a laptop, video conferencing system, digital signage feed, and cable box on a single 4K display using Quad or PBP mode, with audio routed to the room's sound system via optical S/PDIF.

Security Command Center

Display four IP camera HDMI decoders on one monitor in Quad view for real-time surveillance, with seamless single-source zoom for incident response.

House of Worship

Combine camera feeds, presentation slides, lyric software, and a live broadcast return on one display for production operators, switching seamlessly during services.

Education / Training Lab

Show instructor presentation, document camera, student laptop via HDMI, and recording playback simultaneously in a classroom or training room.

Healthcare Monitoring

Display patient monitoring feeds, PACS imaging, EHR dashboard, and telehealth video on a single screen at the nurses' station or OR control room.

Digital Signage Control

Preview four signage zones or media players on one monitor before pushing content live, with RS-232 integration for centralized scheduling systems.

4 WHO THIS IS FOR

AV Integrators

IT Managers

System Designers

Facilities Managers

Procurement Officers

Ideal User

Mid-career AV integrator or IT manager (35–55) specifying equipment for conference rooms, control rooms, or worship venues. Key influencer or decision-maker in the procurement chain.

Project Types

Corporate AV, security/surveillance, houses of worship, education/training, healthcare, digital signage.

Typical Buyer

AV consultant, IT director, facilities manager, or procurement officer at mid-size to enterprise organizations.

5 KANEXPRO PRODUCT COMPARISON

KanexPro offers multiple multiviewer and KVM products. Here's how they compare for different use cases:

MODEL	BEST FOR	KEY CAPABILITY	HOW IT DIFFERS
VW-MVIEW4X1	Multi-source monitoring	4K@60Hz, 8 modes, audio de-embed, RS-232	Pure multiviewer — no KVM. Most cost-effective for display-only monitoring.
KVM-4X1MV4K	Multi-PC workstation control	4K@60Hz + USB 3.0 KVM switching	Adds keyboard/mouse control of 4 PCs. Choose when you need to interact with sources.
SW-4X1KVMV	HD KVM workstation	1080p + USB 2.0/3.0 KVM	Legacy HD product. For environments where 4K is not required.

Choose the VW-MVIEW4X1 for cost-effective 4K multi-source monitoring. Upgrade to the KVM-4X1MV4K only when keyboard/mouse control of connected PCs is required.

6 FREQUENTLY ASKED QUESTIONS

Q: Why not just use a cheaper 1080p multiviewer?

At 4K@60Hz with 4:4:4 color, the VW-MVIEW4X1 preserves full text clarity for spreadsheets, code, and fine detail on UHD displays. 1080p multiviewers blur text and lose detail, especially in PBP and Quad modes where each window is already reduced.

Q: How does it compare to the BZBGear BG-UHD-MVS41A?

Nearly identical specs — same 4K@60Hz, HDMI 2.0b, HDCP 2.2, 8 display modes, and audio de-embedding. The KanexPro VW-MVIEW4X1 is approximately \$250 less at ~\$400 vs. \$649, with KanexPro's established pro AV channel support.

Q: Does it support HDCP 2.2 protected content?

Yes. Full HDCP 2.2 and HDCP 1.x compliance means it works with protected content from cable boxes, Blu-ray players, streaming sticks, and game consoles.

Q: Can I control it from a Crestron/Extron/AMX system?

Yes. The RS-232 port (3-pin Phoenix connector) accepts ASCII commands at configurable baud rates (9600 to 115200). Full command documentation is included for integration with any third-party control system.

Q: What's the difference vs. the KanexPro KVM-4X1MV4K?

The KVM-4X1MV4K adds USB 3.0 KVM switching for keyboard/mouse control. If you only need to monitor and display — not actively control the connected PCs — the VW-MVIEW4X1 is the more cost-effective option.

Q: What audio formats does the optical output support?

Optical S/PDIF supports Dolby Digital, DTS 5.1, and PCM 2.0. Analog 3.5mm L/R supports PCM 2.0 stereo. Note: optical does not support HBR audio (TrueHD, DTS-HD MA) — those pass through HDMI only.

Q: What cables do I need for 4K@60Hz?

Premium High Speed HDMI cables rated for 18Gbps are required for all 4K@60Hz connections. Standard HDMI cables may work at lower resolutions but are not recommended.