

Kramer VM-4UX 1x4 4K 12G SDI Distribution Amplifier

The VM-4UX is a compact and high performance 1:4 4K distributor for standard broadcast-grade SDI signals of up to 12G transmitted data rate. It auto-adapts to the data rate of one SDI input signal, equalizes and re-clocks the signal to improve transmitted signal reach, and distributes the signal to four identical SDI outputs.

Features:

- **Reliable Wire Connectivity** — Coaxial broadcast-grade cables are reliably connected via lockable BNC connectors, preventing unintentional wire disconnections, to gain fast and highly professional uncompressed SDI signals distribution deployments.
- **Extended-reach Input Extension** — Input signal equalization and output signals reclocking to gain extended-reach signal extension. Using Kramer high-quality coaxial SDI cables, supports extension of up to 300m (984ft) for SD signals; 200m (656ft) for 1.5G HD signals; 100m (328ft) for 3G and 6G HD signals; 80m (262ft) for 12G 4K signals. Note: Reach depends on signal resolution, and quality of copper cable used. Reach extension performance may vary while using non-Kramer coaxial cables.
- **Transmitted Data Rate** — Auto-adapting from 270Mbps to 12Gbps data rates.
- **Compliance** — Complies with SMPTE 259M (SD-SDI), 292M (HD-SDI), 344M (ED-SDI), 424M (3G HD-SDI), ST-2081 (6G-SDI) and ST-2082 (12G-SDI) standards.
- **Max. Resolution** — 4K@60Hz (4:2:2) 30bpp.
- **SDI Signal Transmission** — SDI, HD-SDI, 3G HD-SDI, 6G and 12G SDI compliant signals, supporting pass-through of standard embedded audio channels with ancillary ID and metadata information.
- **LED Indicators** — Status indicators for transmitted SDI data rate of input and output connected signals, and power indicator, for ease of maintenance and troubleshooting.
- **Easy Installation** — Compact DigiTOOLS™ fan-less enclosure for small footprint spaces and over-ceiling mounting, or side-by-side rack mounting.