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.