VM-2UX
1:2 4K 12G SDI DA

The VM2UX is a compact and highperformance 1:2 4K distributor for standard broadcastgrade SDI signals of up to 12G transmitted data rate. It autoadapts to data rate of one SDI input signal, equalizes and reclocks the signal to improve transmitted signal reach, and distributes the signal to two identical SDI outputs

FEATURES

Reliable Wire Connectivity - Coaxial broadcastgrade 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 signal reclocking to gain extendedreach signal extension. Using Kramer highquality coaxial SDI cables, supports extension of up to 80m (260ft) for 12G 4K signals.
Note: Reach depends on signal resolution, and quality of copper cable used. Reach extension performance may vary while using nonKramer coaxial cables

Transmitted Data Rate - From 270Mbps to 12Gbps data rates

Max. Resolution - 4K@60Hz (4:2:2) 30bpp

SDI Signal Transmission - Autoadapts to SDI, HD–SDI, 3G HD–SDI, 6G and 12G SDI compliant signals, supporting passthrough of standard embedded audio channels with ancillary ID and metadata information

Easy Installation & Maintenance - Compact Pico TOOLS™ fanless enclosure for small footprint spaces and overceiling mounting, or sidebyside rack mounting. Status indicators for transmitted SDI data rate of input and output connected signals, and power indicator, for ease of maintenance and troubleshooting

TECHNICAL SPECIFICATIONS

Input:	1 SMPTE 259M (SDSDI), 292M (HDSDI), 344M (EDSDI), 424M (3G HDSDI), ST2081 (6GSDI) and ST2082 (12GSDI) compliant serial video input on a 75 BNC connector
Outputs:	2 equalized and reclocked SMPTE 259M (SDSDI), 292M (HDSDI), 344M (EDSDI), 424M (3G HDSDI), ST2081 (6GSDI) and ST2082 (12GSDI) outputs on 75 BNC connectors
Cable Equalization Reach:	12Gbps: Up to 80m (260ft) using Kramer cables, 3Gbps and 6Gbps: Up to 100m (330ft) 1.5Gbps: Up to 200m (660ft), SD: Up to 300m (980ft)
Video:	Up to 4K@60Hz (4:2:2) 30bpp resolution, 270Mbps up to12Gbps data rate
Maximum Output Level:	800mVpp/75
Coupling:	AC
Standards Compliance:	SMPTE 259M (SDSDI), 292M (HDSDI), 344M (EDSDI), 424M (3G HDSDI), ST2081 (6GSDI), ST2082 (12GSDI)
Power Consumption:	5V DC, 250mA
Power Source:	5.2V/4A
Operating Temperature:	0° to +40°C (32° to 104°F)
Storage Temperature:	40° to +70°C (40° to 158°F)
Humidity:	10% to 90%, RHL noncondensing
Dimensions:	6.2cm x 5.2cm x 2.4cm (2.4" x 2.05" x 0.9") W, D, H
Weight:	0.093kg (0.205lbs) approx
Shipping dimensions:	15.7cm x 12cm x 8.7cm (6.18" x 4.7" x 3.42") W, D, H
Shipping weight:	0.52kg (1.15lbs) approx
Included Accessories:	Power supply, mounting bracket
Options:	RK4PT 19" rack adapter