

CRESCENT

Mx-32x2-UHD

Cost Effective (32x2) input 3G/HD/SD-SDI input Multiviewer with 2 UHD Outputs



Key Features

- Low latency - single frame processing delay
- Low power consumption - only uses 75W
- Accepts 32 auto-detect 3G/HD/SD-SDI inputs
- Maximum of 16 windows per output
- Every input can be duplicated up to 32 times
- Every input is available to both outputs
- Windows can be sized and moved freely
- Decodes up to 16 embedded audio per SDI input
- Total of 256 audio meters
- 2 independent HDMI 2.0 and SDI (12G and 3G) outputs
- Output resolution up to UHD@60Hz
- Ethernet for configuration and external control
- Dynamic UMD/Label and Tallies (TSL)
- Standalone labels and 2 customizable logos
- 2 digital and 2 analog clocks can be synced with LTC or NTP
- 64 GPIs for tallies, count up/down triggers or preset recalls
- Borders can be turned on or off
- 2 sets of safe area markers
- Visual alarm tags for format, video/audio presence
- Audio monitoring outputs - stereo, AES, SDI or HDMI
- 2 RU with redundant power supply
- 3 year limited warranty

Accessories

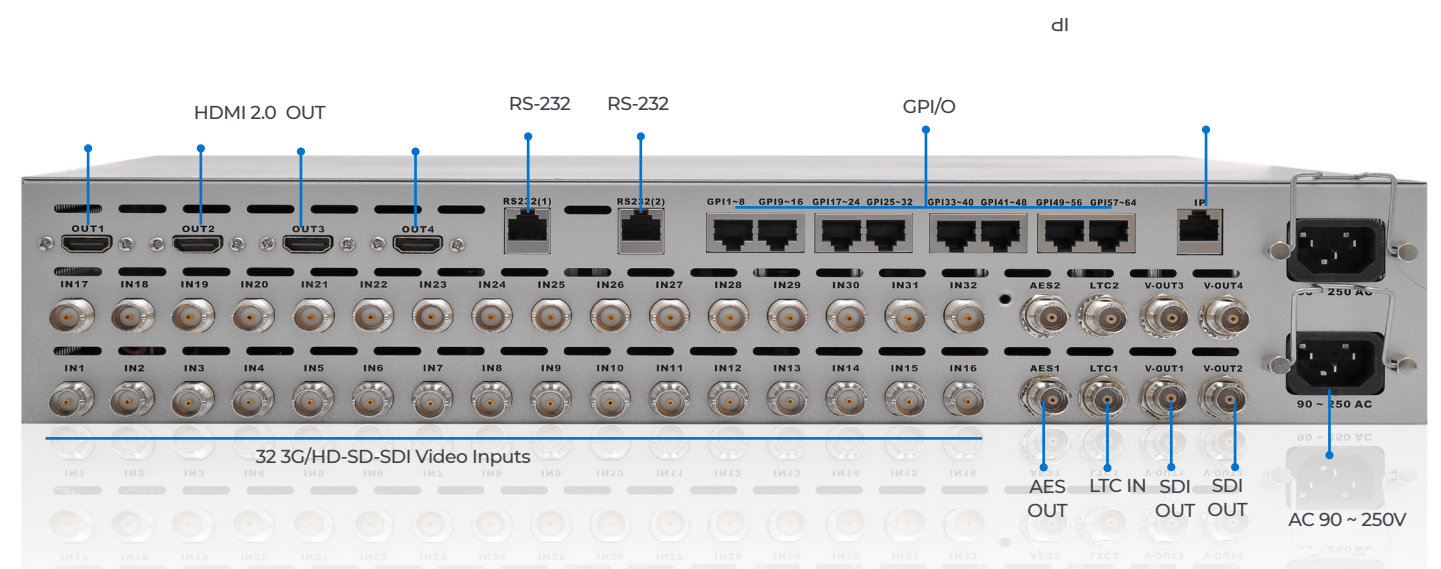
Standard

- Rack-mounts
- 8 x RJ50 to DB9 cables for GPI
- 8 x breakout terminal blocks
- 2 x RJ45 to DB9 cable for serial (RS-232)

Optional Licenses

- ATC/VITC decoding and display
- Closed Captioning (608/708/OP47)
- Third Party Router Interface

Rear View



Specifications

Video Inputs	Up to 32 3G/HD-SD-SDI. Supports 3G Level A&B	Outputs	2 independent HDMI 2.0
Connectors	BNC IEC, 61169-8 Annex A	Output Resolutions	UHD@50/60Hz
Total Windows	16 per each output	On Screen Displays	Borders, labels (4 per window), fonts, tally LED, analog and digital clocks, logos, UMD, OMD, IMD
Serial Digital	SMPTE 424M, SMPTE 292M, SMPTE 259M	General Purpose IO	Borders, labels (4 per window), fonts, tally LED, analog and digital clocks, logos, UMD, OMD, IMD
Equalization	120m at 2.97 Gbps, 140m at 1.485 Gbps, 400m at 270 Mbps, with Belden 1694A	Serial Port	RS-232. Connector: RJ45, Baud Rate up to 115,200. Format: TSL, AXP
Return Loss	> 15dB up to 1.5 Gbps > 10dB up to 3G	Electrical	100 W, 90 ~ 250 V 50/60 Hz
EMI/RFI	Complies with FCC Part 15 Class A, CE, EU, EMC, C-tick	Size	2RU. 446 x 452 x 44 mm (L x W x H)
Alarms	No audio, no video, video formats	Environment	Operating temperature: 0 ~ 45 C Operating humidity: 20 ~ 90% RH Storage temperature: -20 ~ 60 C