CRESCENT
Mi-8 12G UHD

Cost Effective 8x1 12G/3G/HD-SDI input Multiviewer with HDMI 2.0 (UHD) output

Key Features

- Low latency - single frame processing delay
- Low energy - only uses 55W of power
- Accepts 8 auto-detect 12G/3G/HD-SDI inputs
- Supports 8 2SI or 4 square division
- Windows can be sized and moved freely
- Decodes up to 16 embedded audio per input
- Total of 64 audio meters
- 1 x HDMI 2.0 (UHD) output
- 1 x 12G-SDI and 1 x 3G-SDI output
- Output resolution up to 3840x2160@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 by synced with LTC or NTP
- 32 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
- 1 RU with optional redundant power supply
- Optional redundant power supply
- 3 year limited warranty

Accessories

Standard

- Rack-mounts
- 4x RJ50 to DB9 cables for GPI
- 4x breakout terminal blocks
- RJ45 to DB9 cable for serial (RS-232)
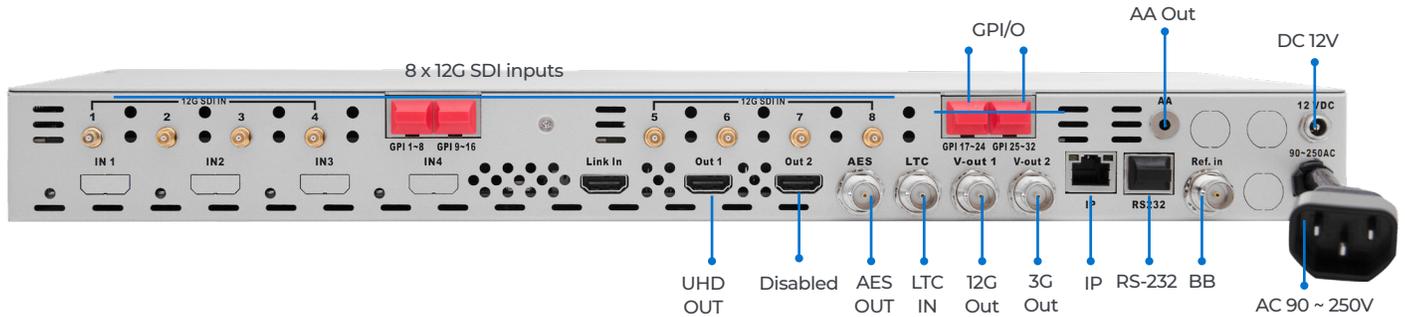- Analog audio breakout cable

Optional

- Redundant power supply

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Rear View

Labels around the rear view diagram:
- 8 x 12G SDI inputs
- GPI/O
- AA Out
- DC 12V
- UHD OUT
- Disabled
- AES OUT
- LTC IN
- 12G Out
- 3G Out
- IP
- RS-232
- BB
- AC 90 ~ 250V

Specifications

Video Inputs	Up to 8 12G/3G/HD-SDI.	**Outputs**	1 x HDMI 2.0, 1 x 12G SDI, 1 x 3G SDI
Connectors	BNC IEC, 61169-8 Annex A	**Output Resolutions**	3840x 2160 and 1920x1080P@50/60Hz
Total Windows	4, 8	**On Screen Displays**	Borders, labels (4 per window), fonts, tally LED, analog and digital clocks, logos, UMD, OMD, IMD
Serial Digital	SMPTE ST-2082	**General Purpose IO**	Borders, labels (4 per window), fonts, tally LED, analog and digital clocks, logos, UMD, OMD, IMD
Equalization	70 m at 11.88 Gbps, 120m at 2.97 Gbps, 140m at 1.485 Gbps	**Serial Port**	RS-232. Connector: RJ45, Baud Rate up to 115,200. Format: TSL, AXP
		Electrical	100 W, 90 ~ 250 V 50/60 Hz
EMI/RFI	Complies with FCC Part 15 Class A, CE, EU, EMC, C-tick	**Size / weight**	1RU. 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

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