

CRESCENT

Mi-9+ (Plus)

9 x 1 SDI Input Multiviewer with SDI and HDMI Output



Key Features

- Compact 1/3 of width of 1 RU
- Low latency - single frame processing delay
- 9x auto-detect 3G (Level A/B)/HD/SD-SDI inputs
- Low power consumption - 15W
- Windows can be sized and moved freely
- Decode up to 16 embedded audio per SDI input
- Ethernet for configuration, dynamic labels and Tallies (TSL)
- Standalone labels, customizable logo
- 9 GPIs for tallies, count up/down trigger or preset recall
- Built-in analog/digital clocks can sync with LTC/NTP
- Borders can be turned on or off
- Two sets of safe area makers
- Visual alarm tags for video/audio alarm
- Identical HDMI and SDI outputs with embedded stereo audio pair
- 3 year limited warranty

Accessories

Standard

- RJ50 to DB9 cables for GPI
- Breakout terminal blocks
- RJ45 to DB9 cable for serial (RS-232)
- 11 HDBNC-BNC-F
- Power supply

Optional

- Rackmount tray

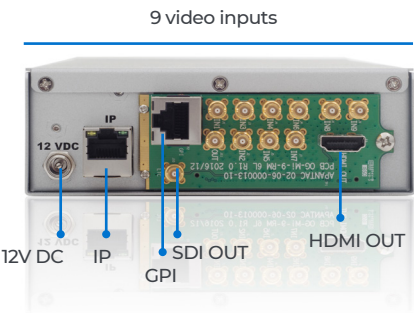
Optional Licenses

- ATC/VITC decoding and display
- Closed Captioning (608/708)

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Rear View



Specifications

Inputs	9x 3G (level A/B)/HD/SD-SDI	Video Output	Identical 1 x HDMI and 1x SDI
Connector Type	HD-BNC	Audio Output	Embedded stereo audio pair
Total Windows	9	Output Resolution	HDMI: 1920x1080P 50/59.94 Hz SDI: 1080P/1080i 50/59.94 Hz
Aspect Ratios	16:9 for all or 4:3 for Standard definition	Latency	1 frame
Serial Digital	SMPTE 424M, 292M, 259M, supports 525i59.94, 625i50, 720p50, 720p 59.94, 720p60, 1080i50, 1080i59.94, 1080i60, 1080PsF25, 1080PsF29.97, 1080PsF30, 1080p50, 1080p59.94, 1080p60 Level A/B	On Screen Display	Borders, Static and Dynamic Labels/UMDs, Tally LEDs, Alarm Tags, Clocks and Logos
		SDI Color Encoding	10 bit 4:2:2
		GPI	9 for tally or AXP (ASCII command)
		Serial Port	N/A
Equalization	120m at 2.97 Gbps, 140m at 1.48 Gbps, 400m at 270 Mbps with Belden 1694A	IP	100 Base-T for control and configuration and TSL, AXP protocol
Return Loss	> 15db up to 1.485 Gbps > 10db up to 3G	Supported IP Protocols	TSL 3.1 for dynamic tallies and labels, Optional: Utah and PESA router protocols
Embedded Audio	SMPTE-272M-A	Electrical	15 W, 90 - 250 V 50/60 Hz
Alarms	No audio, audio high/low, no video, video format display	EMI/RFI	Complies with FCC Part 15, Class A, CE, EU EMC, C-tick