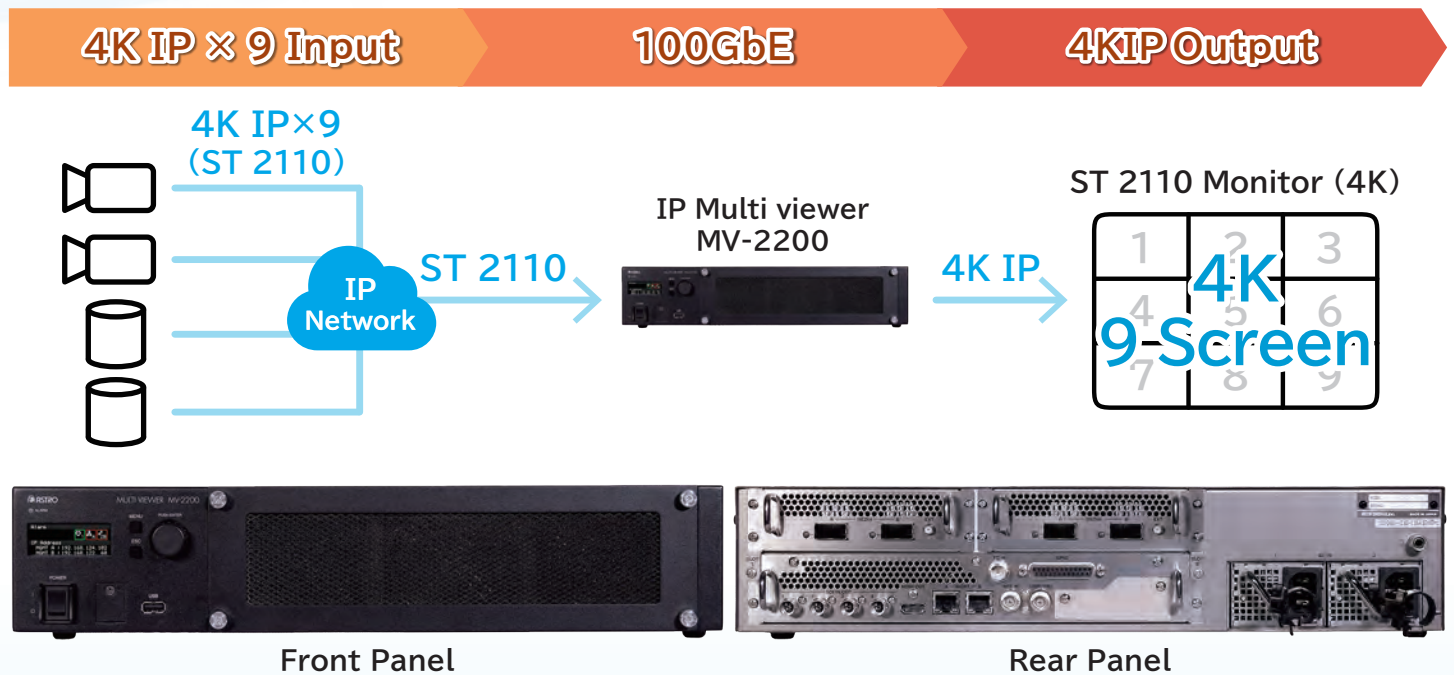


IP Multi viewer MV-2200



SMPTE ST 2110 Multi viewer with up to 9×4K input.



Features

- Max 9 × 4K input with 2 × MV-2200-IP (input module)
- HDMI2.0×1, SDI×4 output
- Capable of mixed SDR/HDR inputs
- Status monitoring via web menu
- Real time monitoring of Packet size, Timestamp error, Packet loss, Latency be each input stream
- Live picture monitoring via web browser
- Status display on front panel LED
- Layout memory (free assign, up to 20 patterns)
- Alarm Function
 - Error alarm on multi view display
- ST 2110-40 Metadata display
- External Control and Monitoring
 - API
 - SNMP V2c
 - TSL UMD protocol V5.0 Tally
 - GPIO
- Redundant Power Supply. Hot swappable power supply and cooling fan.



Status monitoring via web browser

3×3



Free Layout



Specification

Specification		
Display Function	Max display window	Video:16 Window
	Audio Level Meter	16ch
	ID	Metadata:24 characters or 2 lines of 16 characters
	Error	IP、Video loss、Picture freeze
	Tally	Amber/Green/Red selectable from 16 colors
	User Image	PNG file
	Timer	Count Down/Timecode
	Clock	
IP Interface	100GbE(QSFP28)×4(including 2 redundant IO):4K 9IN1OUT 100GbE(QSFP28)×2(including 1 redundant IO):2K 16IN1OUT	
Supported Format	SMPTE ST 2110(-10,-20,-30,-31,-40) ST2110-20: Video ST2110-30: PCM Audio Packet Time 1msec/125μsec、Conformance Levels A/B ST2110-31: AES3 Audio Packet Time 1/0.12msec、Conformance Levels A/B ST2110-40: Metadata SMPTE ST 2059-1/-2 SMPTE ST 2022-7	
Video	3840×2160 59.94p/50p YCbCr 4:2:2 10bit 1920×1080 59.94i/50i YCbCr 4:2:2 10bit	
Audio	Sampling rate:48kHz Resolution:24 bit Number of Channels:4K 32ch、HD 16ch	
Control Interface	10/100/1000BASE-T RJ45×2(MGMT A/B)	
NMOS	AMWA NMOS IS-04/05(select from MGMT and MEDIA port)	
Tally	TSL UMD protocol V5.0 Tally	
SNMP	SNMP v2c, 5 system trap destinations	
SDI Interface	12G-SDI×4(4K/HD output)	
HDMI Interface	HDMI2.0×1(future support)	
Sync	BB、HD tri-level sync	
GPIO	D-SUB 25pin (socket)	
Timecode	LTC×1(BNC)	

General Specifications

Power supply	AC100-240V 50/60Hz
Power Consumption	200W MAX(with 2×IP boards)
Operating Temperature	5~40℃(no condensation)
Operating Humidity	20~80%RH(no condensation)
Dimensions	430(W)×88(H)×470(D)mm
Weight	10kg(with 2×IP boards)

※The specifications are subjected to change without notice.

ASTRODESIGN, Inc.

Contact to:

TOKYO Headquarters 1-5-2 Minami-yukigaya, Ota-ku, Tokyo, Japan 145-0066

USA OFFICE

780 Montague Expressway, Suite 302, San Jose CA 95131 USA
URL <http://www.astro-americas.com>
TEL +81-(0)3-5734-6320 FAX +81-(0)3-5734-6102
TEL +1-408-435-7800 FAX +1-408-435-7900

MV2200-5010E-1

<https://www.astrodesign.co.jp>