Simply Better Connections

VM7404

4-Port 3G-SDI Input Board



The VM7404 4-Port 3G-SDI Input Board offers an easy way to route any 4 SDI video and audio sources to multiple displays when used in combination with an ATEN Modular Matrix Switch. This input board provides the capability to connect to SDI sources, including 3G-SDI, HD-SDI and SD-SDI, and supports high quality video resolutions up to 1080p @ 60 Hz. The VM7404 also supports separate analog stereo audio signals that can be routed independently. Furthermore, the board is based on a hot-swappable design, allowing the ATEN Modular Matrix Switch to remain on while the board is changed. Ideal for surveillance systems and numerous other broadcast-grade A/V applications, the VM7404 allows you to effectively centralize routing for all your 3G / HD / SD-SDI devices.

Features

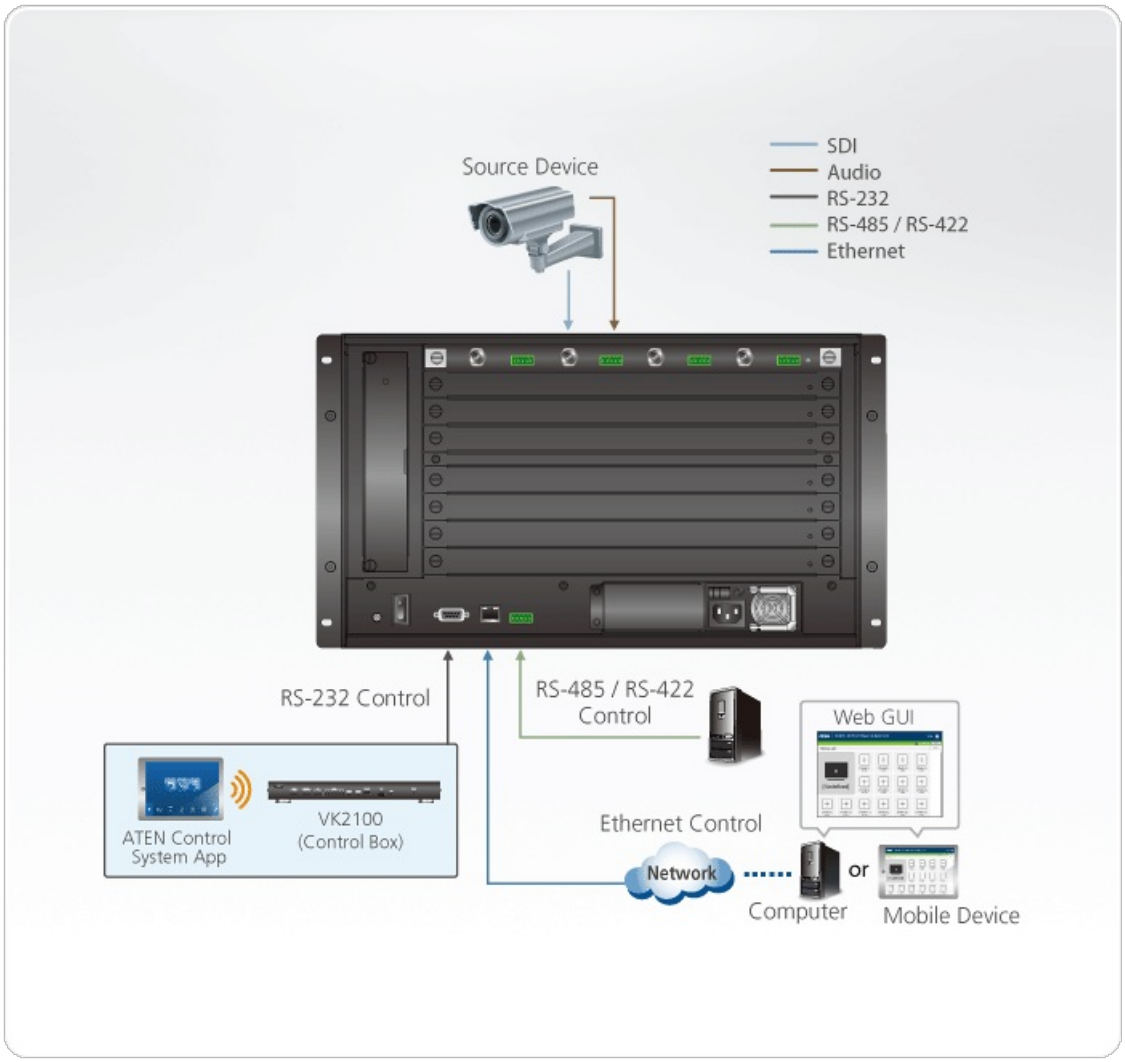
- Connects up to 4 SDI inputs
- Supports SD-SDI, HD-SDI and 3G-SDI formats
- Hot-swappable design for easy integration of I/O boards
- Compatible with the VM1600 - mix and match modular I/O boards for optimal flexibility

Note: When the VM7404 is used in conjunction with output boards featuring scalers, the Seamless Switch™, scaler and video wall functions can be used.

Specification

Video	
Supported Resolutions	PAL /50 PAL and NTSC/59.94 720p 25, 29.97, 30,50,59.94, 60 1080i50, 59.94, 60 1080PsF 25, 29.97,30 1080p 23.98, 24, 25, 29.97, 30,50,59.94, 60
Max. Data Rate	2.97 Gpbs
Max. Distance	100m (3G-SDI); 150m (HD-SDI); 300m (SD-SDI)
SDI Formats	3G-SDI, SMPTE-259,292,424, 425 Level A & B-DL
Audio Inputs	
Interfaces	4 x Captive Screw Connectors, 5 pole * Audio signal type: stereo, balanced/unbalanced.
Power Consumption	16W:75BTU
Environmental	
Operating Temperature	0–40°C
Storage Temperature	-20–60°C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Weight	0.60 kg (1.32 lb)
Housing	Metal
Dimensions (L x W x H)	35.20 x 23.80 x 2.33 cm (13.86 x 9.37 x 0.92 in.)
Note	Audio signal type support stereo, balanced/unbalanced. Balanced audio maximum input/output level: 0.5 Vrms (-6.02dBV@600 ohm) Unbalanced audio maximum input/output level: 1Vrms (0dBV@600ohm.)
Video Input	
Interfaces	4 x BNC Female
Impedance	75 Ω
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram



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