ATEN VM8584K2

ProdCode: ATENVM8584K2

4-Port 10G Optical Output Board (4K@300m (K1, MM) / 10km (K2, SM))

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Features

- 4-Port 10G Optical Output Board (4K@300m (K1, MM) / 10km (K2, SM))
- Compatible with the VM Modular Matrix Switches; mix and match with modular I/O boards of any type for optimum flexibility
- Superior video quality over long-distance transmission – up to 4096 x 2160@60Hz (4:2:0), 300m with VM8584K1 and multi-mode fiber or 10km with VM8584K2 and single-mode fiber
- Bi-directional RS-232 channel and IR channel for flexible device control
- FrameSync – prevents image tearing by synchronizing the scaler output frame rate to the input signal frame rate

The VM8584 4-Port 10G Optical Output Board offers an easy way to route 4 HDMI sources to HDMI displays through optical extenders, and up to 16/32 input and 16/32 output connections on an ATEN Modular Matrix Switch through various AV interfaces. Designed with fiber optics technology for long-distance transmission, the VM8584 along with its SFP+ module extends uncompressed 4K signal up to 300 m (using VM8584K1) or 10 km (using VM8584K2) over duplex fiber optic cables. The optical fiber simplifies cabling by guaranteeing an interference-free long-haul transmission of audio, video, IR, and RS-232 control signals over one single set of duplex cables that easily connects to the SFP+ slot. Moreover, the VM8584 supports a high data rate of 10.2 Gbps and meets HDMI Specifications that include 3D, Deep Color, and 4K to ensure superior video quality.

The ATEN VM input/output boards are hot-swappable which gives system integrators great flexibility and efficiency for installation and maintenance. The ATEN VM input/output boards along with ATEN Modular Matrix Switches offer ideal solutions that perfectly meet your demands for scalable video-critical applications.
In the box:

- 1x VM8584 4-Port 10G Optical Output Board
- 4x SFP+ Modules
- 4x 3-Pole Terminal Blocks
- 1x IR Receiver
- 1x IR Emitter
- 1x User Instructions