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

Need Further Support?

If you have any questions or require additional support regarding this product release, please do not hesitate to contact us. Our team is here to assist you with any inquiries or provide further information or marketing collateral as needed.

Contact Us:

- Marketing - marketing@holdan.co.uk
- Sales - sales@holdan.co.uk
- Technical Enquiries - techsales@holdan.co.uk
- Request Demo product loans - demo@holdan.co.uk

We value your partnership and are committed to ensuring a successful product launch. Thank you for your continued support.