Simply Better Connections

VK248

8-Channel Relay Expansion Box

The VK248 provides Ethernet-to-relay channel connectivity with 8 channels of relay output. It allows users to remotely access relay devices from a PC or any system located anywhere. The complete Telnet CLI commands are fully integrated into users' commercial and industrial applications.

What's more, the VK248 serves as a flexible expansion box of the ATEN Control System, enabling users to control additional equipment, such as screens, projector lifts and blinds, through an ATEN controller in any environments where more devices are required. With the advantage of Ethernet-based connection, the expansion box can be easily connected to controllers via LAN connection from a variety of locations across a network.

Accessories:
*The power adapter for this product is sold separately. For more information about this accessory, see Accessories.

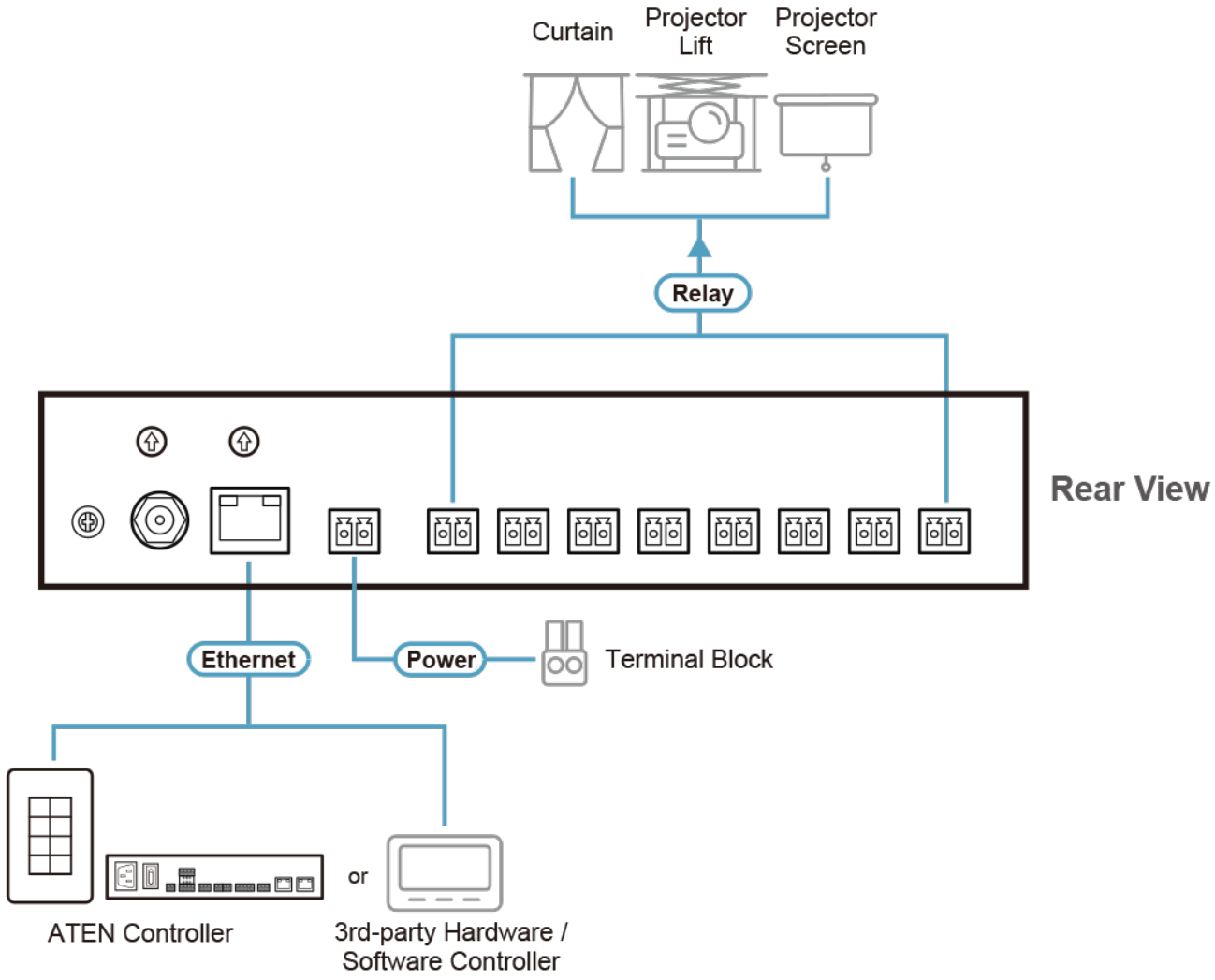
Features

- An Ethernet-to-relay channel box ships with 8 channels of relay output
- Supports Power over Ethernet (PoE) or DC power supply
- WebUI provides VK248 system information, including firmware upgrade
- Supports IEEE 802.1x authentication protocol for enhanced network security
- Supports Telnet CLI (command-line interface) mode for third-party system integration
- An expansion solution for connecting more relay channels to ATEN Control System
- Flexible deployment via Ethernet connection
- Works with a connected ATEN controller with ID Switch through instant configuration

Specifications

Interfaces	
Relay	• 8 normally open relays (8 x 2-pole terminal block) • Contact Rating: Max 24 VDC, 2A
Ethernet	• 1 x RJ-45 Female, 10/100Base-T • Supported Protocol: ARP, ICMP, TCP/IP, DHCP, HTTPS, SSH • DHCP-enabled. The following default IP settings will be used if no IP is assigned within 30 seconds: IP: 192.168.0.60 Subnet Mask: 255.255.255.0
Switches	
Controller ID	1 x 16-segment Switch
Expander ID	1 x 8-segment Switch
Reset Button	1 x Semi-recessed Pushbutton
USB	1 x USB Type A (Firmware upgrade only)
Power Consumption	DC5V:2.82W:24BTU/h DC48V:3.53W:27BTU/h Note: ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0 – 50°C
Storage Temperature	–20 – 60°C
Humidity	0 - 80% RH, Non-Condensing
Power	
Output	12 VDC, 300 mA
Physical Properties	
Housing	Metal
Weight	0.65 kg (1.43 lb)
Dimensions (L x W x H)	20.00 x 7.58 x 4.20 cm (7.87 x 2.98 x 1.65 in.)
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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