

VK248

8-Channel Relay Expansion Box



The VK248 8-Channel Relay Expansion Box provides an additional eight channels of relay output for a flexible expansion of the [ATEN Control System](#). This allows users to control additional devices such as screen, projector lifts and blinds in environments where more devices are required. With the advantage of an Ethernet-based connection, the expansion box easily connects to the [VK2100](#) Control Box via a LAN connection from a variety of locations across a network.



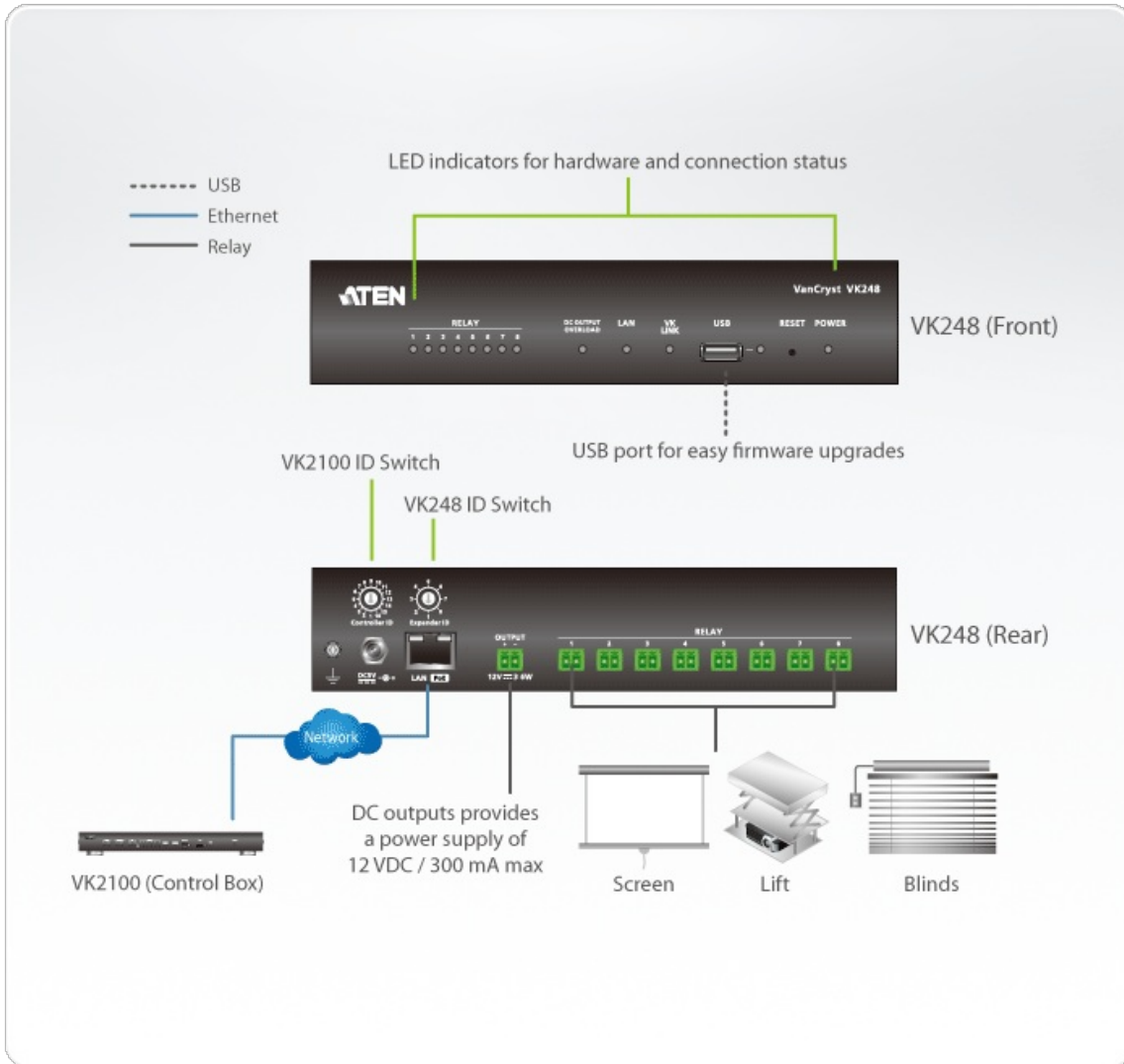
Features

- Provides 8 relay channels to expand the [ATEN Control System](#)
- Up to eight VK248 expansion boxes can be added to a single Control Box
- Flexible Deployment: Connects to a Control Box via an Ethernet connection
- ID Switch pairs the VK248 with a controller to instantly configure the network settings
- [Provides DC power to power an AC relay module or other device](#)
- [Supports Power over Ethernet \(PoE\) or DC power supply](#)
- Firmware upgradable through USB or Web interface

Specifications

Interfaces	
Relay	<ul style="list-style-type: none"> • 8 normally open relays (8 x 2-pole terminal block) • Contact Rating: Max 24 VDC, 2A
Ethernet	<ul style="list-style-type: none"> • 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 DC48V:3.53W:27BTU
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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