

## 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.



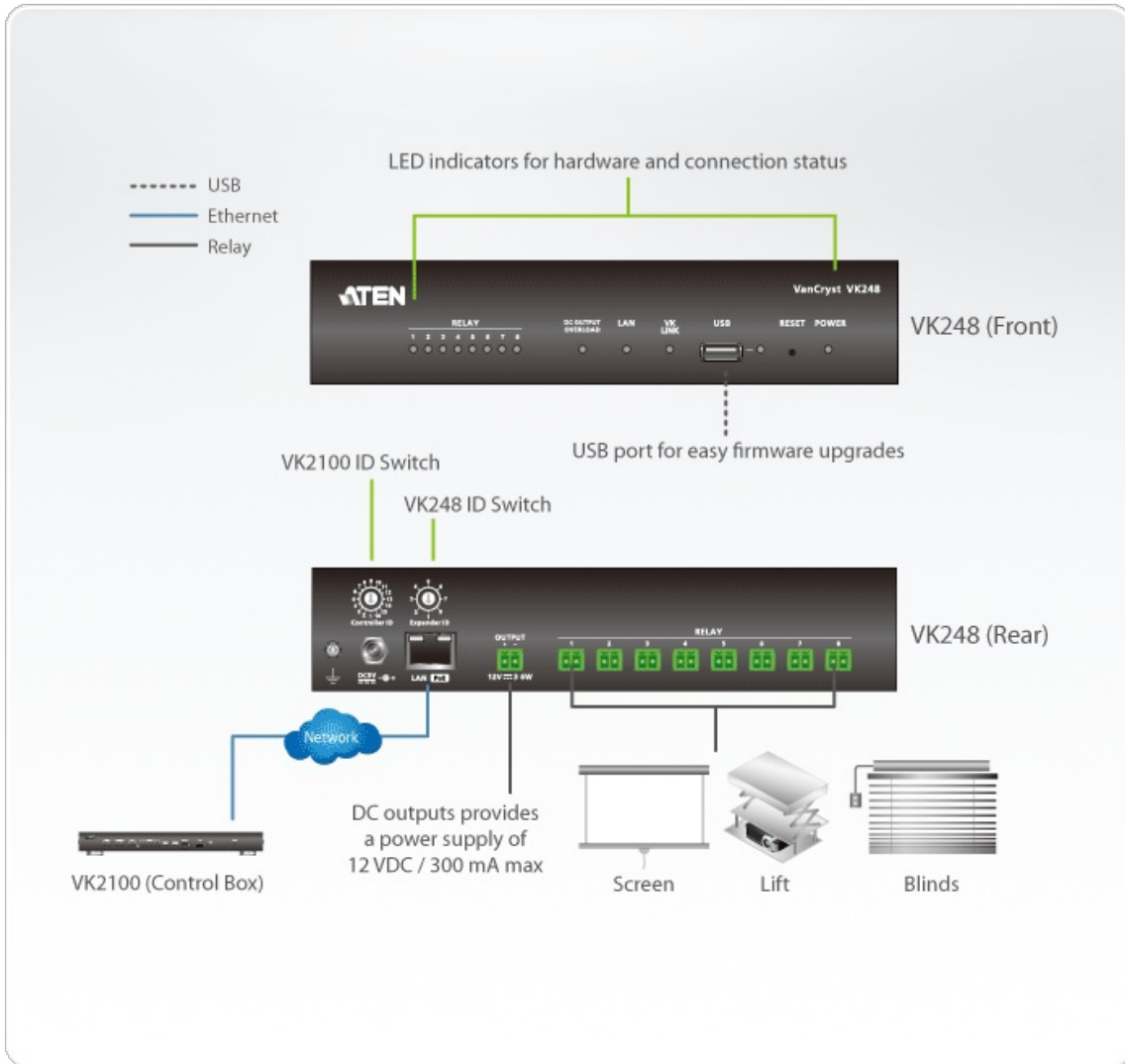
### Features

- 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

**Specification**

|                        |   |
|------------------------|---|
| Interfaces             |   |
| Relay                  | <ul style="list-style-type: none"> <li>• 8 normally open relays (8 x 2-pole terminal block)</li> <li>• Contact Rating: Max 24 VDC, 2A</li> </ul>  |
| Ethernet               | <ul style="list-style-type: none"> <li>• 1 x RJ-45 Female, 10/100Base-T</li> <li>• Supported Protocol: ARP, ICMP, TCP/IP, DHCP, HTTPS, SSH</li> <li>• DHCP-enabled. The following default IP settings will be used if no IP is assigned within 30 seconds:<br/>IP: 192.168.0.60<br/>Subnet Mask: 255.255.255.0</li> </ul> |
| 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<br>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<br>(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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