

VK236

6-Port IR/Serial Expansion Box



The VK236 6-Port IR/Serial Expansion Box provides six additional IR/Serial ports for a flexible expansion of the ATEN Control System. This allows users to control additional IR/serial devices in an environment where more devices are required. With the advantage of an Ethernet-based connection, the expansion box can be easily connected to the [VK2100](#) Control Box via a LAN connection from a variety of locations across a network.



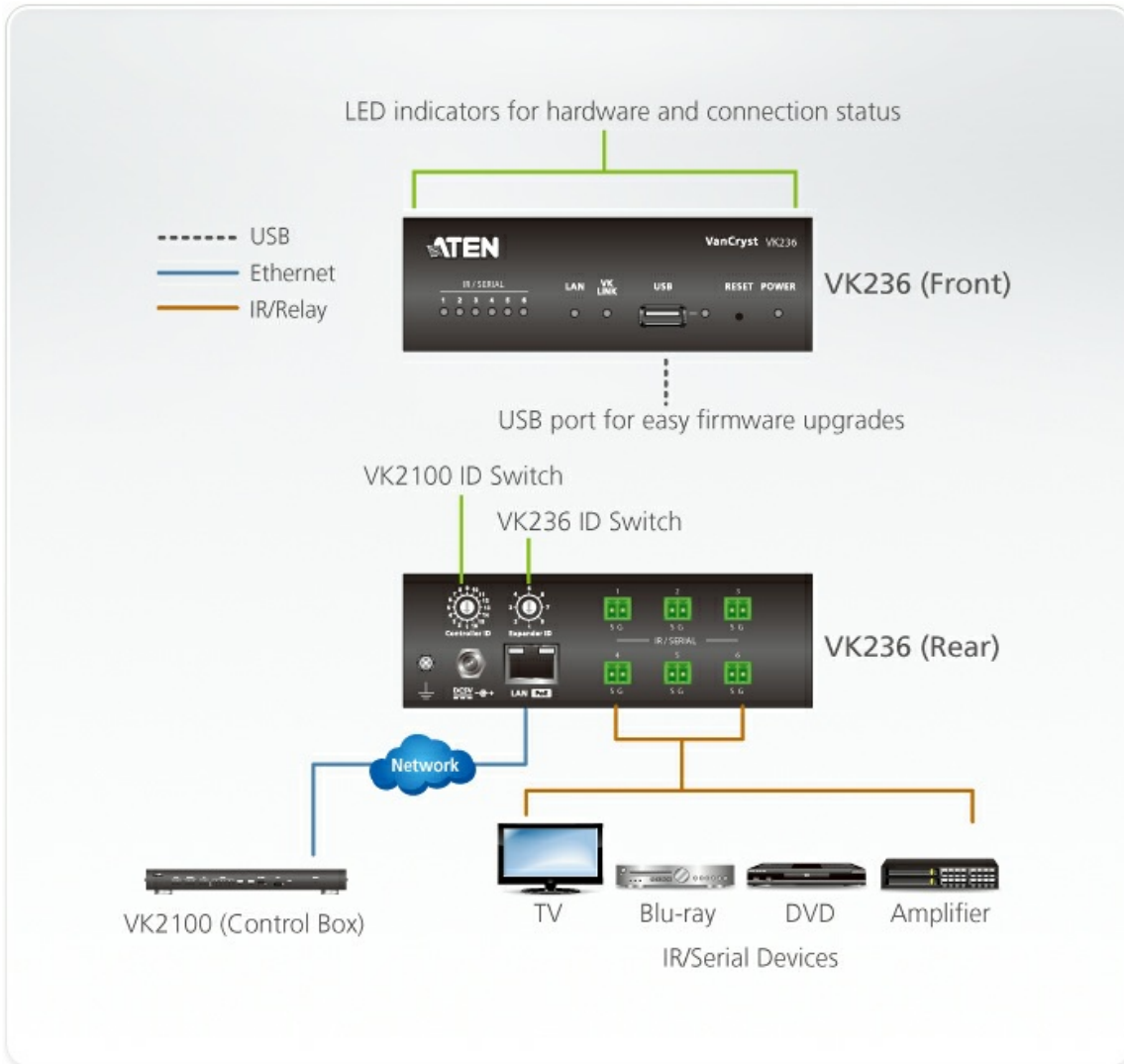
Features

- Provides 6 IR/Serial ports to expand the ATEN Control System
- Up to eight VK236 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 VK236 with a controller to instantly configure the network settings
- Supports Power over Ethernet (PoE) or DC power supply
- Firmware upgradable through USB or Web interface

Specification

Interfaces	
IR/Serial	6 x Programmable IR / Uni-directional RS-232 Port 6 x 2-Pole Terminal Block Connector IR: TTL level (0 to 5 V) – Carrier Frequency: 10KHz~455KHz; Serial: Uni-directional RS-232 (+ - 5 V) – Baud Rate: 300 to 115200 (default: 9600); – Data Bit: 8 (default) or 7; – Stop Bit: 1 (default) or 2; – Parity: None (default), Even or Odd
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:1.31W:17BTU DC48V:1.64W:18BTU
Environmental	
Operating Temperature	0 – 50 °C
Storage Temperature	–20 – 60 °C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Metal
Weight	0.45 kg (0.99 lb)
Dimensions (L x W x H)	13.00 x 7.58 x 4.20 cm (5.12 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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