VK236

6-Port IR/Serial Expansion Box

The VK236 provides Ethernet-to-IR/serial connectivity with 6 IR / serial ports. It allows users to remotely access IR / serial 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 VK236 serves as a flexible expansion box of the ATEN Control System, enabling users to control additional IR / serial devices 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:
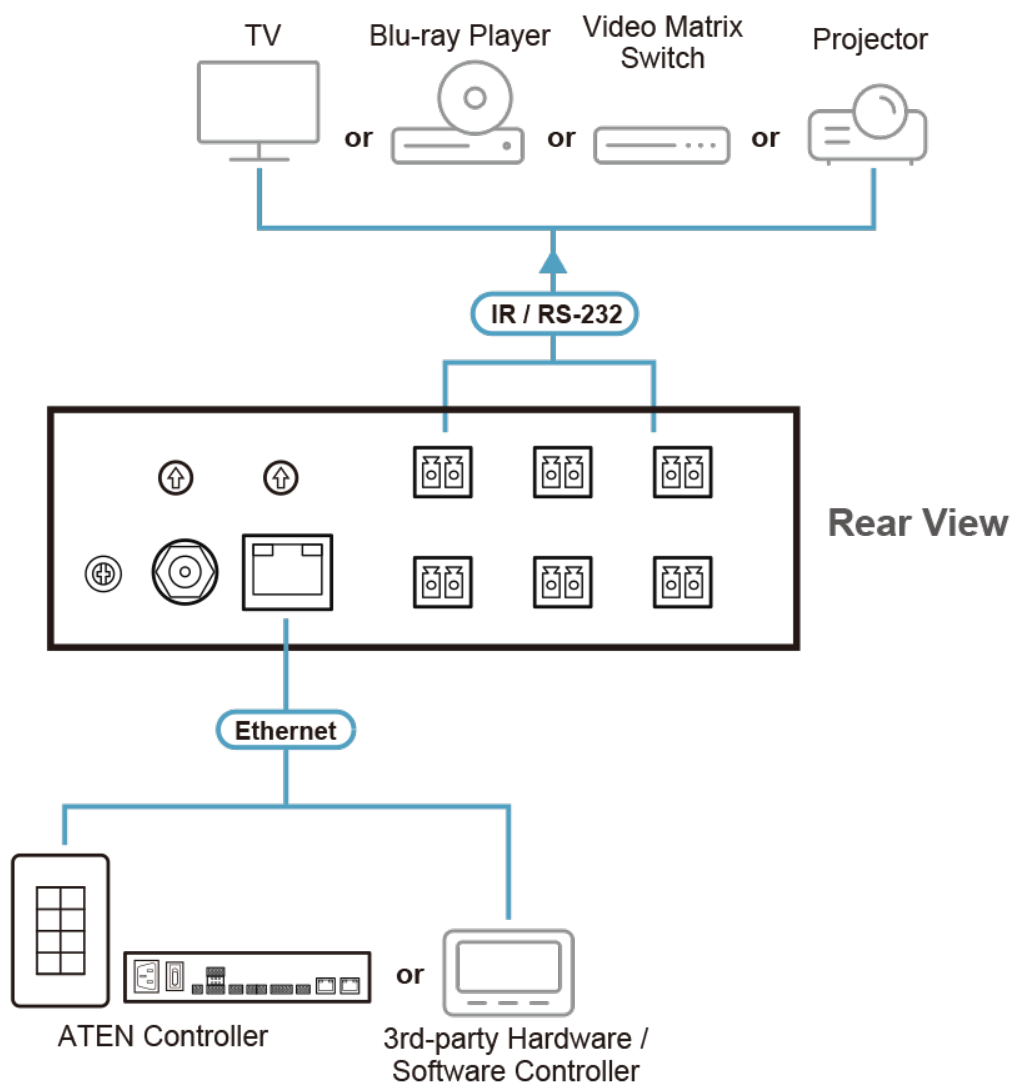*The power adapter for this product is sold separately. For more information about this accessory, see Accessories.

Features

- An Ethernet-to-IR / serial box ships with 6 IR / serial ports
- Supports Power over Ethernet (PoE) or DC power supply
- Supports IEEE 802.1x authentication protocol for enhanced network security
- Supports Telnet CLI (command-line interface) mode for third-party system integration
- Supports Pronto formatted IR codes- IR command codes can be entered in Hex format
- WebUI provides VK236 system information, including firmware upgrade
- An expansion solution for connecting more IR / serial devices to ATEN Control System
- Flexible deployment via Ethernet connection
- Works with a connected ATEN controller with ID Switch through instant configuration

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	• 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/h DC48V:1.64W:18BTU/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
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

TV Blu-ray Player Video Matrix Switch Projector

or or or

IR / RS-232

Rear View

Ethernet

ATEN Controller 3rd-party Hardware / Software Controller

or