

## VK236

6-Port IR/Serial Expansion Box - TAA Compliant



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](#).

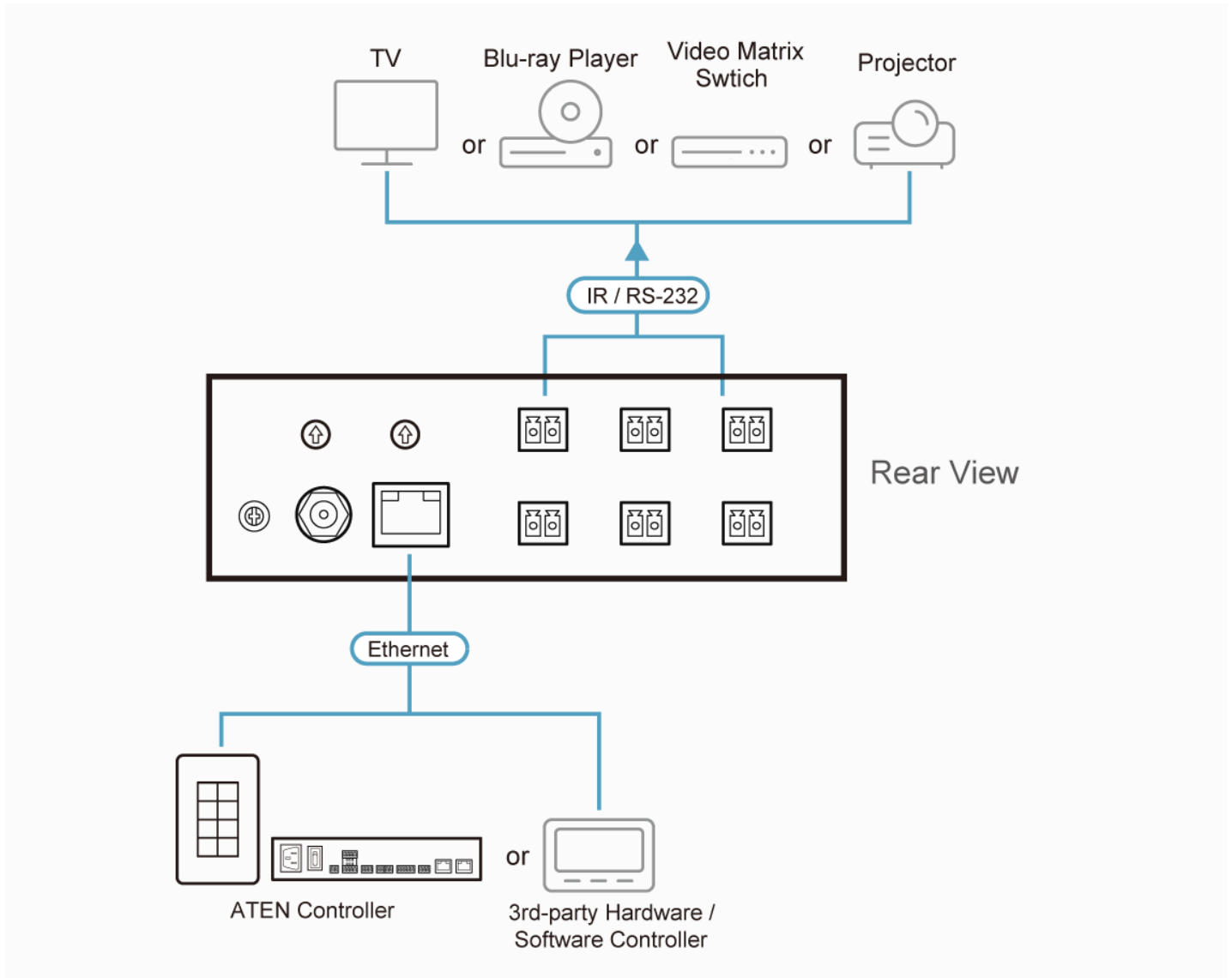
**Features**

- An Ethernet-to-IR / serial box ships with 6 IR / serial ports
- Supports Power over Ethernet (PoE) or DC power supply
- Supports 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              | <p>6 x Programmable IR / Uni-directional RS-232 Port<br/>         6 x 2-Pole Terminal Block Connector<br/>         IR: TTL level (0 to 5 V)<br/>         – Carrier Frequency: 10KHz~455KHz;<br/>         Serial: Uni-directional RS-232 ( + - 5 V)<br/>         – Baud Rate: 300 to 115200 (default: 9600);<br/>         – Data Bit: 8 (default) or 7;<br/>         – Stop Bit: 1 (default) or 2;<br/>         – Parity: None (default), Even or Odd</p> |
| 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      | <p>DC5V:1.31W:17BTU/h<br/>         DC48V:1.64W:18BTU/h</p> <p>Note:<br/>         ● The measurement in Watts indicates the typical power consumption of the device with no external loading.<br/>         ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.</p>   |
| 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<br>(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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