

## VK0200

ATEN Control System - 12-button Control Pad (EU, 2 Gang)



The VK0200 is a fully-customizable 12-button Control Pad that integrates a controller with a keypad as an all-in-one solution. Aimed for small/medium meeting room or classroom control, the VK0200 offers a ready-to-use solution that easily connects the devices, configures via the intuitive [VK6000](#) Configurator Software, and flexibly customizes keypad button functions and layout to fulfill most applications.

The ATEN Control System is an Ethernet-based management system that connects all the hardware devices found in a room for centralized control effortlessly. The VK0200 Control Pad not only plays the role as the main controller that connects the hardware devices, but also acts as a control interface with customizable buttons and layout. Created with flexibility in mind, the two-gang Control Pad can be laid out in 125 different combinations of 6 to 12 buttons that snap together as easy as Lego's. By connecting to the local network, users will find it's effortless using [VK6000](#) software to configure the desired control of any connected device from the Control Pad. With the ready-to-go combo Control Pad, you have instant and smart control of the facilities from a Control Pad that can manage any device in the room.

### Keypad Layout Example



Custom button placement on the Control Pad can be set in 125 different combinations of 6 to 12 buttons. The example above shows the 12 most commonly used.



**Features**

- [VK0200 Control Pad](#)
  - Supports various interface connections:
    - 2 x RS-232 ports
    - 2 x Relay channels
    - 1 x Digital input channel
    - 1 x Ethernet port
  - Designed to mount in 2-gang EU-type and MK-type junction boxes
  - Fully customizable with 125 layout combinations of 6 to 12 buttons
  - Supports native KNX IP for building management systems
  - Telnet, TCP, UDP, HTTP, HTTPS, ONVIF, and PJLink compliant
  - Supports project file backup <sup>1</sup>
  - Web GUI for easy system configuration
  - Supports SSH communication for data monitoring <sup>2</sup>
  - LED indication of connection and hardware status
  - Dual-color LEDs for clear indication in dark environments
  - Redundant power supplies – Power over Ethernet and DC 5V (optional)
  - Customized button engraving service

- [VK6000 Configurator Software](#)
  - Simple profile setup with easy configuration steps via intuitive GUI
  - Customizable GUI to be used on mobile devices and PC <sup>3</sup>
  - Supports ControlAssist that allows PC control <sup>4</sup>
  - Built-in Database Generator for device driver setup and overall device management
  - Built-in ATEN Library comprising 10,000+ device drivers and complete ATEN VanCryst product drivers
  - Two-way communication enables user-defined event monitoring to automatically trigger the next actions
  - Test tool to verify commands in action before uploading the profile to the VK0200 Control Pad

Note:

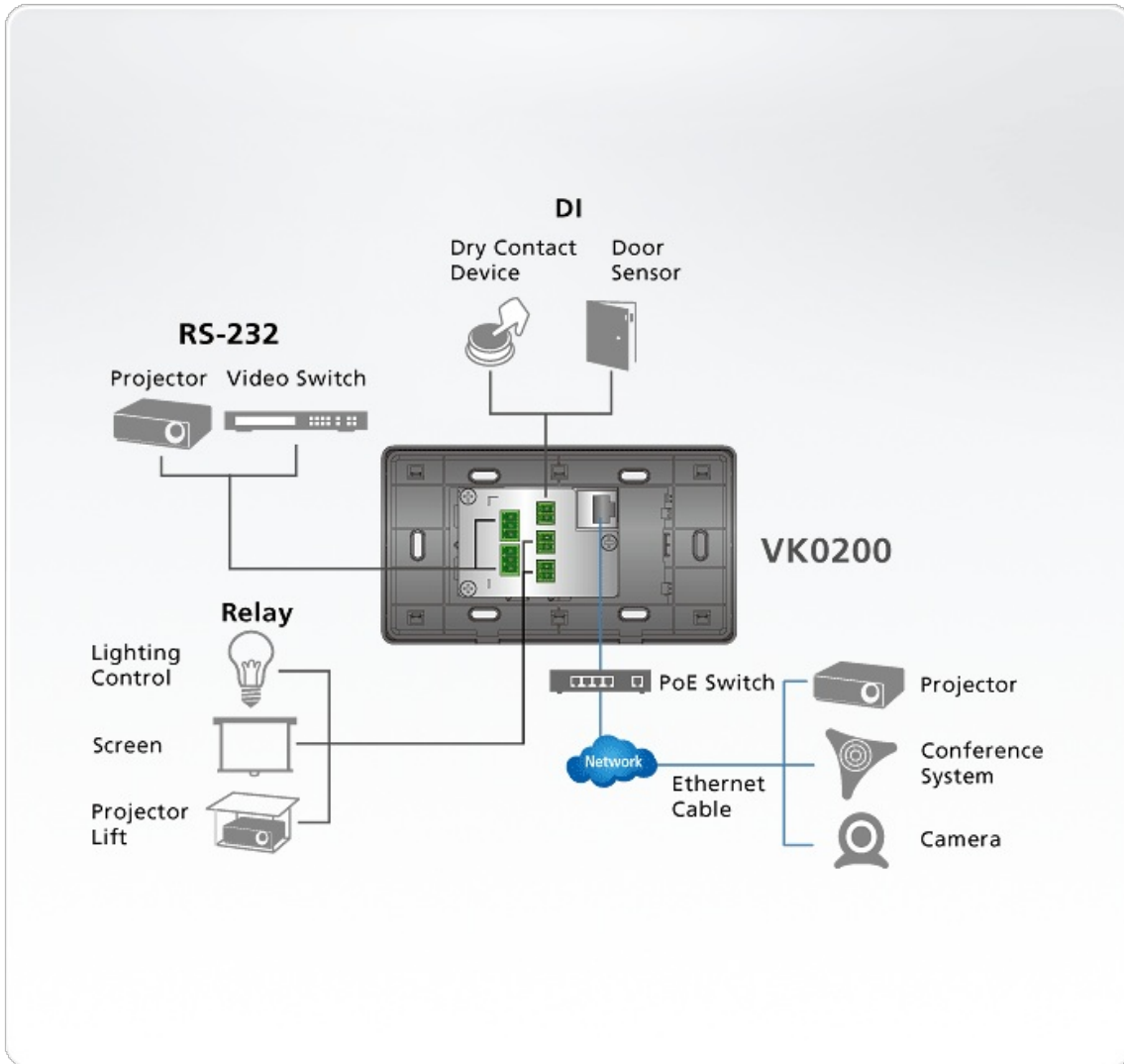
1. Each ATEN Control Box is capable of backing up one project file.
2. The SSH protocol can be used for monitoring the receiving/transmission data of the Control Pad.
3. Additional license is required for mobile control.
4. For details on the supported PC control actions, refer to the ATEN Control System User Manual.

**Specification**

Interfaces	
Keypad Layout	6~12 buttons customizable in 125 keypad layouts
Serial	<ul style="list-style-type: none"> <li>• 2 x Bi-directional RS-232 Port (2 x 3-Pole Terminal Block Connector);           <ul style="list-style-type: none"> <li>– Baud Rate: 300 to 115200 (default: 9600);</li> <li>– Data Bit: 8 (default) or 7;</li> <li>– Stop Bit: 1 (default) or 2;</li> <li>– Parity: None (default), even or odd</li> </ul> </li> </ul>
Relay	<ul style="list-style-type: none"> <li>• 2 x Relay Channel (2 x 2-Pole Terminal Block Connector);</li> <li>• Normally open, isolated Relays;</li> <li>• Contact Rating: Max 24 VDC, 1A</li> </ul>

I/O	<ul style="list-style-type: none"> <li>• 1 x Digital Input Channel (1 x 2-Pole Terminal Block Connector);</li> <li>– VDC Mode</li> <li>Input Voltage Range: 0 to 5 VDC;</li> <li>Programmable Range: 1 to 5 VDC;</li> <li>– Dry Contact Mode</li> <li>Pull-up 2k ohms to + 5 VDC</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: IP: 192.168.0.60 Subnet Mask: 255.255.255.0</li> </ul>
Switches	
Controller ID	1 x 16-segment Switch
Reset Button	1 x Semi-recessed Pushbutton
Power Consumption	DC5V:1.15W:5BTU DC48V:1.44W:7BTU
Environmental	
Operating Temperature	0 – 50 °C
Storage Temperature	–20 – 60 °C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Plastic
Weight	0.19 kg ( 0.42 lb )
Dimensions (L x W x H)	8.32 x 14.76 x 4.80 cm (3.28 x 5.81 x 1.89 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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