

## ATEN Control System

### VK108US 8-button Keypad (US, 1 Gang)

The VK108US is a fully-customizable 8-button keypad designed for use with the ATEN Control System. The keypad provides an interface to control devices in a room from a standard wall mounted faceplate. Created with flexibility in mind, the one-gang keypad can be laid out in 14 different combinations of 4 to 8 buttons that snap together as easy as Lego's. By connecting to the VK2200 / VK1200 / VK2100A / VK1100A Control Box or VK0100 / VK0200 Control Pad over a LAN, users will find it's effortless using VK6000 software to configure the desired control of any connected device from the keypad. With the button's ready to go, users have instant and smart control of the facilities from a keypad or keypads that can manage any device in the room. The VK108US is an affordable solution, perfect to serve as the primary interface in small meeting rooms, or as secondary device control in classrooms and conference centers.



**Note:** This model is also available in black color – Part number: VK108US1, which is a built-to-order product. To place an order, please contact your regional ATEN representative.



Custom button placement on the keypad can be set in 14 different combinations of 4 to 8 buttons. The example above shows the 10 most commonly used.

## Ergonomic support with flexible mounting via VK101

ATEN has released VK101, an ergonomically designed, US-type, 1-Gang tabletop kit compatible with the VK108US, to further enhance the ease-of-use and installation flexibility of the control pad. VK101 is sold separately.



Ergonomically tilts VK108US at an angle to reduce the force needed when one presses keys while delivering easy cable arrangement



Enables flexible installation for either placement on the table  
or mounting on the wall

## Features

- Key pad – provides physical connection to the ATEN Control System
- Fully customizable with 14 layout combinations of 4 to 8 buttons
- Available in black or white color
- System LED indicators for quick connection status check
- Dual-color button LEDs for clear indication and visibility in dark environments
- Easy ID pairing with Control Box for Ethernet communication
- Up to 8 keypads connect to a single Control Box for future scalability
- Versatile modes support flexible behavior settings for each button
- Intuitive web GUI for easy keypad configuration
- Redundant power supplies with Power over Ethernet (PoE) and DC power
- Button engraving service
- Flexible installation made easier with VK101 tabletop kit, allowing for device mounting on the table or to the wall\*

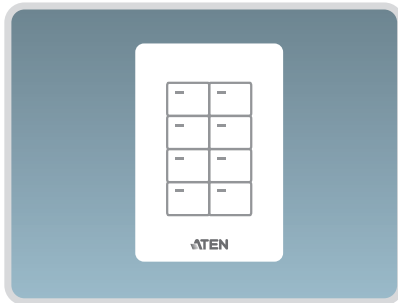
**Note:** When the VK108US is mounted on the VK101, power is supplied only through PoE.

## Highlights

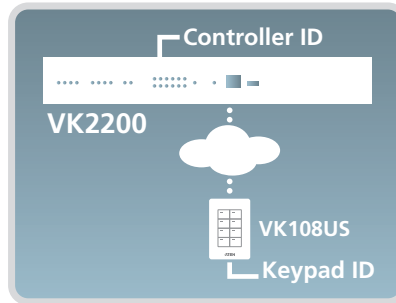
|                                     |                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                                            |
|-------------------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Fully Customizable with Ease</b> | <p>The VK108US's customizability allows system integrators to fulfill diverse applications with ease. The hardware supports two button sizes that can form 14 layout combinations of 4 to 8 buttons, while the VK6000 software provides versatile modes for each button: normal, toggle, press and release, and long press. The keypad mode and status can be synchronized with other keypads on the same network. Furthermore, the swappable buttons allow the keypad layout to be changed even when it's online and mounted to the wall. This superior flexibility facilitates system integrators who need to quickly answer to customer requirements and changes that are demanded.</p> |
| <b>Single Cable Installation</b>    | <p>The VK108US's LAN port supports Power over Ethernet (PoE) that allows both data and electric power to be transmitted over one single Ethernet cable, eliminating the need of an extra power source and extra wiring. For applications that require a direct electrical supply, the VK108US can also be powered via a 5 VDC power adapter.</p>                                                                                                                                                                                                                                                                                                                                           |
| <b>IP-free Configuration</b>        | <p>Ethernet-based solutions normally involve configuring complicated IP and network settings before users can access a device. With our ID concept implemented into ATEN products, all IP and network settings are auto-configured for the VK108US and other ATEN Control Box peripherals (sold separately). Simply pair the ID number of the keypad with the ID number of the Control Box and the network setting is completed!</p>                                                                                                                                                                                                                                                       |

## Installation Setup

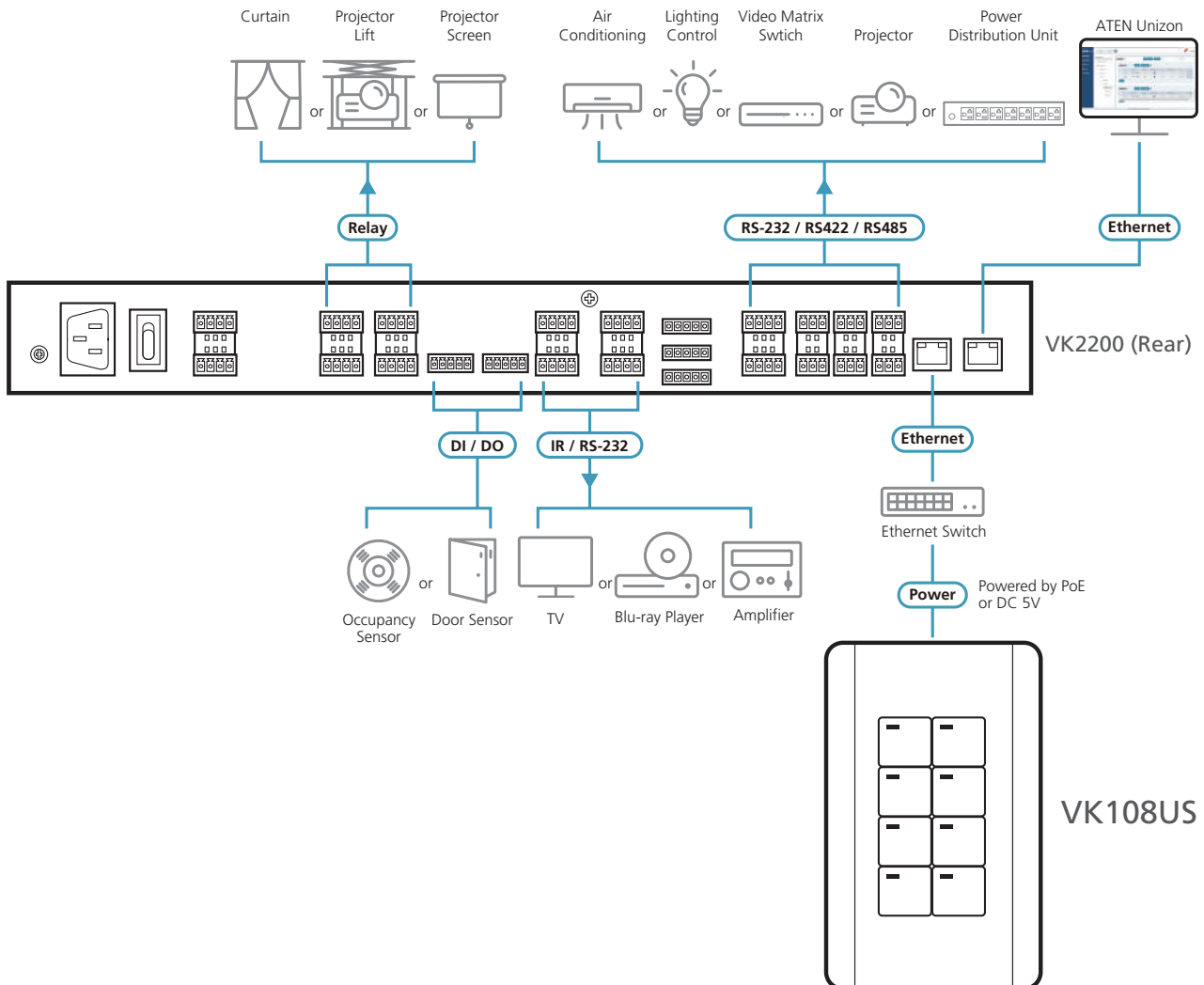
### Set Keypad Layout



### Pair with Control Box



### Configure Settings



## Specifications

| VK108US                         |                                                                                                                                                                                                                                                                                                                         |
|---------------------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| <b>Interfaces</b>               |                                                                                                                                                                                                                                                                                                                         |
| Keypad Layout                   | 4 ~ 8 buttons customizable in 14 keypad layouts                                                                                                                                                                                                                                                                         |
| Ethernet                        | <ul style="list-style-type: none"> <li>• 1 x RJ-45 Female, 10 / 100 Base-T</li> <li>• Supported Protocol: ARP, ICMP, TCP/IP, DHCP, HTTPS</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> |
| <b>Switches</b>                 |                                                                                                                                                                                                                                                                                                                         |
| Controller ID                   | 1 x 16-segment Switch                                                                                                                                                                                                                                                                                                   |
| Keypad ID                       | 1 x 8-segment Switch                                                                                                                                                                                                                                                                                                    |
| <b>Reset Button</b>             | 1 x Semi-recessed Pushbutton                                                                                                                                                                                                                                                                                            |
| <b>Power Consumption</b>        | DC5V:1.25W:6BTU; DC48V:1.58W:7BTU                                                                                                                                                                                                                                                                                       |
| <b>Environmental</b>            |                                                                                                                                                                                                                                                                                                                         |
| Operating Temperature           | 0 – 50 °C                                                                                                                                                                                                                                                                                                               |
| Storage Temperature             | -20 – 60 °C                                                                                                                                                                                                                                                                                                             |
| Humidity                        | 0 – 80 % RH, Non-Condensing                                                                                                                                                                                                                                                                                             |
| <b>Physical Properties</b>      |                                                                                                                                                                                                                                                                                                                         |
| Housing                         | Plastic                                                                                                                                                                                                                                                                                                                 |
| Weight                          | 0.13 kg                                                                                                                                                                                                                                                                                                                 |
| Dimensions (L x W x H)          | 11.63 x 7.06 x 3.89 cm                                                                                                                                                                                                                                                                                                  |
| Faceplate Dimension (L x W x H) | 11.92 x 7.42 x 0.92 cm                                                                                                                                                                                                                                                                                                  |

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