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 VK2100/VK1100 Control Box 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, you 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.

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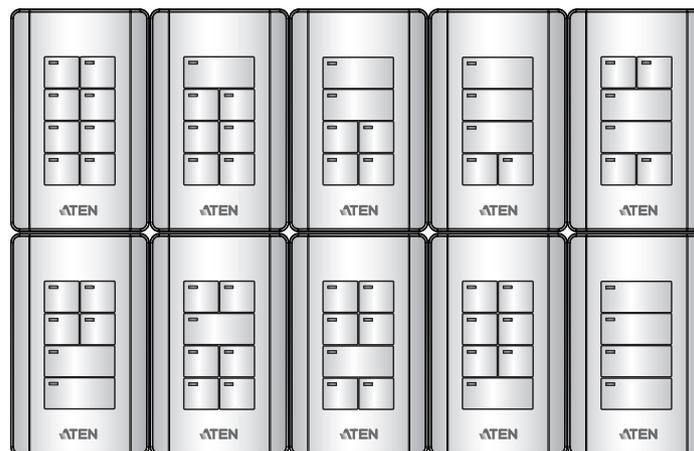
Custom button placement on the keypad can be set in 14 different combinations of 4 to 8 buttons. The example above shows the 10 most commonly used.

Features

- Fully customizable with 14 layout combinations of 4 to 8 buttons
- System LED indicators for quick connection status check
- Dual-color button LEDs for clear indication and visibility in dark environments
- Easy ID paring with Control Box for Ethernet communication
- Up to 8 keypads connect to a single Control Box for future scalability
- Unrestricted modes support flexible behavior settings for each button
- Intuitive web GUI for easy keypad configuration
- Dual power supply – DC 5V or Power over Ethernet
- Button engraving service

Highlights

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Fully Customizable with Ease	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.
Single Cable Installation	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.
IP-free Configuration	Ethernet-based solutions normally involve configuring complicated IP and network settings before you 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!

Installation Setup

Set Keypad Layout
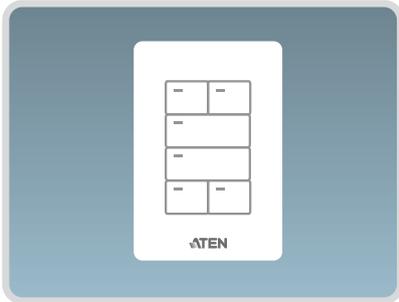
Pair with Control Box

Controller ID

VK2100

VK108US

Keypad ID

Configure Settings

VK6000
Configurator
Software

VK108US

Powered by PoE
or DC 5V

Ethernet Switch

Screen

BD-Player

VK1100
(Rear)

POWER RELAY DC OUTPUT IR/SERIAL SERIAL RS-232 / 422 / 485 ETHERNET

Light

Projector

Video Switch
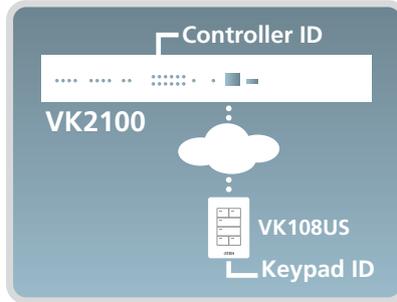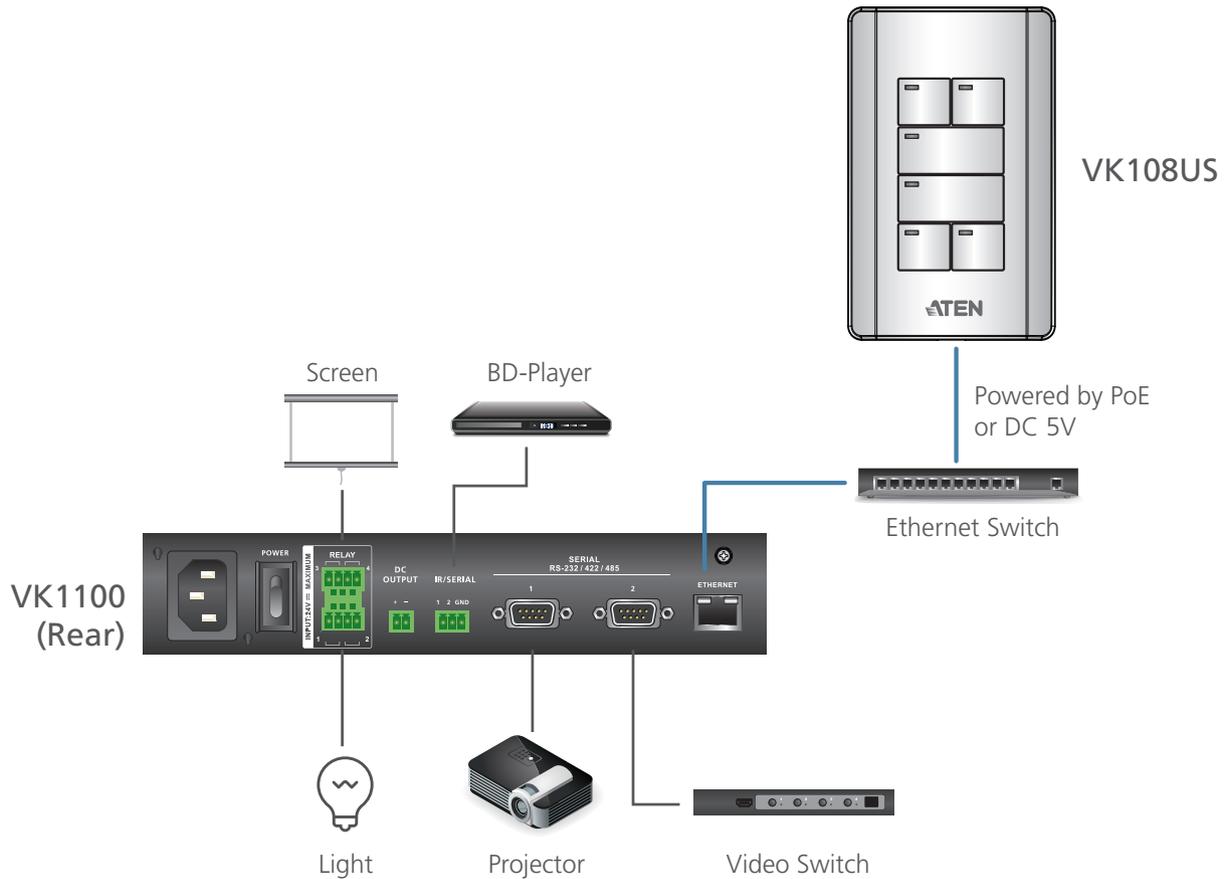
Specifications

Function	VK108US
Interfaces	
Ethernet	• 1 x RJ-45 Female, 10/100Base-T • Supported Protocol: ICMP, TCP/IP, DHCP, HTTPS • 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
Keypad Layout	4~8 buttons customizable in 14 keypad layouts
Switches	
Controller ID	1 x 16-segment Switch
Keypad ID	1 x 8-segment Switch
Reset Button	1 x Semi-recessed Pushbutton
Power	
Consumption	5 VDC, 1.25 W (adapter) ; 48VDC, 1.58 W (PoE, PoE 802.3 AF/AT compatibility)
Environmental	
Operating Temperature	0° to 50° C
Storage Temperature	−20° to 60° C
Humidity	0 - 80% RH, Non-Condensing
Physical Properties	
Housing	Plastic
Weight	0.13 kg
Dimensions (L x W x H)	11.63 x 7.06 x 3.89 cm
Faceplate Dimensions (W x H x D)	7.42 x 11.92 x 0.92 cm