Introduction

The Atlona AT-VKP-8E is a simple yet powerful 8 button IP-based control system in a wallplate form factor. The buttons are fully configurable for controls such as display power, input switching, audio levels, or any other functions supported by system devices. In addition to Ethernet, the VKP-8E also features RS-232 for control of legacy devices. For enhanced customization, the VKP-8E incorporates a 2.7" e-ink display that supports multiple pages to dynamically change icons and text associated with the buttons. LED indicators for each button and a multi-step LED level indicator provide additional feedback to users. The VKP-8E is designed to mount in one-gang US junction boxes and comes with both black and white faceplates that attach to the button panel via magnets. Power over Ethernet (PoE) provides both power and data to the panel over a single cable. For setup, the VKP-8E uses a revolutionary new configuration platform called Atlona Cloud. It provides an intuitive interface for mapping control commands, text, and icons to buttons using the extensive library of Atlona and third-party device drivers. When configuration is complete, lightweight instructions can either be sent to the VKP-8E directly over the network or stored in a file for later upload.

Applications

- **Meeting rooms and classrooms**
  The VKP-8E is ideal for AV control in lower complexity spaces offering a few source selections and a single display.

- **Straightforward user interface**
  The VPK-8E can be added to a larger Velocity system in applications where the simplicity of a button panel option is preferred over touch panels.

Key Features

- Simple yet powerful keypad control system for one room of up to 10 devices
- 8 buttons for controlling display power, source input, volume levels, and other system functions
- RGB LED indicators for each button and a multi-step LED level indicator provide user feedback
- 2.7" high contrast e-ink display with 264 x 172 resolution allows custom icons and text to be associated with each button and dynamically change with different pages
- IP-based for controlling system devices over the network
- Bi-directional RS-232 port for controlling projectors, switchers, and other legacy devices
- Configure with Atlona Cloud for standalone systems, or use as a supplemental user interface in Velocity systems
- Pre-configured control files available for our most popular switchers
- Power over Ethernet (PoE) for remote power and network connection with a single cable
- One-gang enclosure for US wallplate openings – black and white faceplates included

Specifications

System	
CPU	i.MX6 with Cortex A7 @900 MHz
OS	Linux
RAM	LVDDR3 512Mb
Flash Memory	EMMC 4GB

Display	
Panel	2.7inch e-ink
Resolution	264x172 pixel
Color	white/black

IP	
Port	1 x RJ45
Standards and Protocols	DHCP, HTTP, HTTPS, TCP, NTP, IPv4, IPv6
Ethernet Speed	10/100 Mbps
Addressing	DHCP, static

Temperature	Fahrenheit	Celsius
Operating	32 to 122	0 to 50
Storage	-25 to 158	-32 to 70
Humidity (RH)	10% to 90%, non-condensing	

Power	
PoE	IEE 802.3at/af

Specs Cont.

Dimensions	Inches	Millimeters
H x W x D (bezel)	4.49 x 2.75 x 0.45	114 x 69.8 x 11.4
H x W x D (w/back box)	4.49 x 2.75 x 1.72	114 x 69.8 x 43.8
Wall size	1-gang	

Weight	Pounds	Kilograms
Device	0.33	0.15

Certification		
Device	CE, FCC, RCM, China RoHS, UKCA, ICES	

Warranty	
Device	2-year limited

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