

VKT100

10.1" Touch Panel



The ATEN VKT100 is a 10.1" Touch Panel, offering a high-performance quad-core processor and capacitive multi-touch TFT-LCD screen. Natively installed with the ATEN Control System app, the touch panel is compatible with ATEN Control Box and Control Pad.

The VKT100 supports Power over Ethernet (PoE), which allows power and data to be carried over a single Ethernet cable to the touch panel, and makes it perfect to support the specific environments with those applications required solid and wired connection to ensure stability and high security demands.

It is an ideal solution for the high-security area such as militaries, hospitals, government offices, and corporate board rooms. The touch panel can be desk mounted using the tabletop kit (ATEN [VKTA101](#)) or any standard VESA 75 x 75 mm mounts.

The ATEN Control System is a standard Ethernet-based management system consisting of controllers, expansion boxes, configurator, and control interfaces that connects all hardware devices to provide centralized control of devices directly and effortlessly from any mobile device or ATEN Control System interface. Now we have the VKT100 touch panel join the ATEN Control System family to make our control system solution complete and that meets the demanding requirements for the target applications.

Features

- 10.1" touch panel with a quad-core processor
- Natively installed ATEN Control System app and designed for the integrated use with the ATEN Control System
- Supports Power over Ethernet (PoE), which allows it to receive power and communication over a single Ethernet cable
- Capacitive multi-touch screen
- Flexible installation and available for the additional tabletop kit (ATEN [VKTA101](#)) and compatible for any standard VESA 75 x 75 mm mounts

Specifications

Panel Spec	
Display Type	10.1" TFT LCD
Touch Screen	Capacitive
Resolution	1280x800
Aspect Ratio	16:9
Color Depth	8bit
Contrast Ratio	800:1
Backlight	LED

Viewing Angle	Vertical $\pm 85^\circ$, Horizontal $\pm 85^\circ$
Memory	
RAM	2GB
Storage Capacity	8GB
Interfaces	
Ethernet	1 x RJ-45 Female, 10/100/1000Base-T
USB	1 x USB Type A
Power	
Power over Ethernet (PoE)	802.3 af PoE/ 802.3 at PoE+
Power Consumption	DC48V:20WBTU/h Note: <ul style="list-style-type: none"> ● The measurement in Watts indicates the typical power consumption of the device with no external loading. ● The measurement in BTU/h indicates the power consumption of the device when it is fully loaded.
Environmental	
Operating Temperature	0 – 40°C
Storage Temperature	–10 – 55°C
Humidity	10 - 80% RH, Non-Condensing
Physical Properties	
Housing	ABS + PC
Weight	0.62 kg (1.37 lb)
Dimensions (L x W x H)	25.22 x 17.78 x 2.45 cm (9.93 x 7 x 0.96 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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