KA7171

USB-PS/2 KVM Adapter Module with Local Console

For smooth operation and added convenience, ATEN´s KA7171 USB-PS/2 KVM Adapter Module is designed to provide a full console connection locally in a KVM over IP Switch or Matrix KVM* installation. The KA7171 allows a PS/2 or USB server to be connected to the switch via Cat 5e/6 cable and provides an extra console via USB keyboard, USB mouse, and monitor to use for extended local operations. In addition, the Privileged Console Control function prevents remote users from operating the device when a local administrator requires full control of the server - reducing conflicts and unwanted operations.
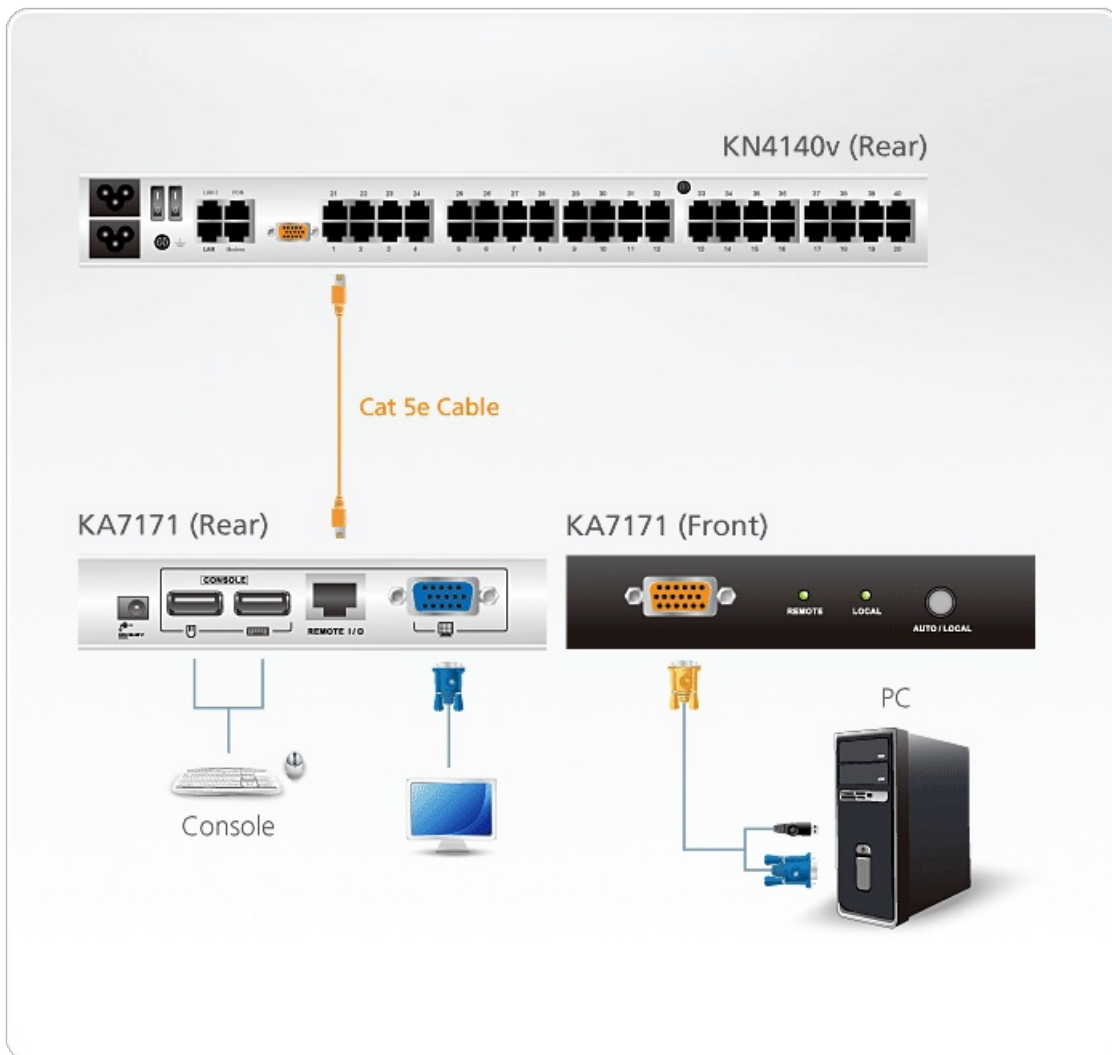
Features

- Cat 5e/6 cable connects the device and KVM switch
- Supports computers with PS/2 or USB keyboards and mice
- Local console operation - control your system from the extended USB keyboard, USB mouse, and monitor via local console
- Pushbutton operating mode selection for privileged console control
- Built-in ASIC for greater reliability and compatibility
- USB overcurrent detection and prevention
- Built-in ESD protection and surge protection
- Superior video quality - supports resolution up to 1920 x 1200 (Reduced blanking)*
- Supports VGA , SVGA , SXGA , UXGA , WUXGA and multisyncmonitors; local monitor supports DDC; DDC2; DDC2B
- Easy to install – no software required - connecting cables to the devices is all it takes

    * This maximum resolution may vary depending on the transmission distance. For more details, please refer to the product pages of the connected KVM switches.

Specification

Connectors	
Console Ports	2 x USB Type A Female (White) 1 x HDB-15 Female (Blue)
KVM Ports	1 x SPHD-18 Female (Yellow)
Power	1 x DC Jack (Black)
Pushbuttons	
Operating Mode Selection	1 x Pushbutton
LEDs	
Local	1 (Green)
Remote	1 (Green)
Emulation	
Keyboard / Mouse	PS/2, USB
Video	Up to 1920 x 1200 @ 60Hz; DDC2B
Power Consumption	DC5.3V:1.88W:13BTU/h Note: ● 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 - 50°C
Storage Temperature	-20 - 60°C
Humidity	0–80% RH, Non-condensing
Physical Properties	
Housing	Metal
Weight	0.33 kg (0.73 lb)
Dimensions (L x W x H)	12.70 x 8.65 x 2.50 cm (5 x 3.41 x 0.98 in.)
Note	For some of rack mount products, please note that the standard physical dimensions of WxDxH are expressed using a LxWxH format.

Diagram

KN4140v (Rear)

Cat 5e Cable

KA7171 (Rear)

KA7171 (Front)

CONSOLE

REMOTE I/O

REMOTE   LOCAL   AUTO / LOCAL

PC

Console