

## KA7168

USB HDMI Virtual Media KVM Adapter with Smart Card Support



The KA7168 KVM Adapter Cable connects a KVM switch to the HDMI video and USB ports of a target computer. The KA7168 supports HDMI output and provides a USB plug to connect a target computer for Smart Card/CAC support\*. With its small size and light weight design, it represents the next generation of KVM Adapter Cables – offering superior signal compensation and delay skew technologies for greatly enhanced video quality.

\* [Virtual media](#) and CAC reader functions are not supported for [KH1508A](#), [KH1516A](#), [KH1508Ai](#), [KH1516Ai](#), [KL1508A](#), [KL1516A](#), [KL1508Ai](#), [KL1516Ai](#), [KH2508A](#), [KH2516A](#), [KN2116A](#), [KN4116](#), [KN2132](#), or [KN4132](#).



### Features

- Auto Signal Compensation (ASC), no DIP switch setting needed for different distances
- Keyboard and mouse emulation – keeps your server functioning smoothly when it's disconnected from the switch's KVM port or is relocated to a different KVM port
- Lifetime firmware upgrades
- Superior video quality - supports resolution up to 1920 x 1200 (Reduced blanking)\*
- Built in ASIC for greater reliability and compatibility
- Compact size
- Virtual Media Support\*\*
- Smart Card / CAC Reader Support\*\*

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

\*\* [Virtual media](#) and CAC reader functions are not supported for [KH1508A](#), [KH1516A](#), [KH1508Ai](#), [KH1516Ai](#), [KL1508A](#), [KL1516A](#), [KL1508Ai](#), [KL1516Ai](#), [KH2508A](#), [KH2516A](#), [KN2116A](#), [KN4116](#), [KN2132](#), or [KN4132](#).

## Specifications

Connectors	
Link	1 x RJ-45 Female
Computer	2 x USB Type A Male 1 x HDMI Male
LEDs	
Link	1 (Green)
Power	1 (Orange)
Environmental	
Operating Temperature	0-50°C
Storage Temperature	-20-60°C
Physical Properties	
Housing	Plastic
Weight	0.11 kg ( 0.24 lb )
Dimensions (L x W x H)	9.10 x 5.60 x 2.12 cm (3.58 x 2.2 x 0.83 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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