

## 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\*\*

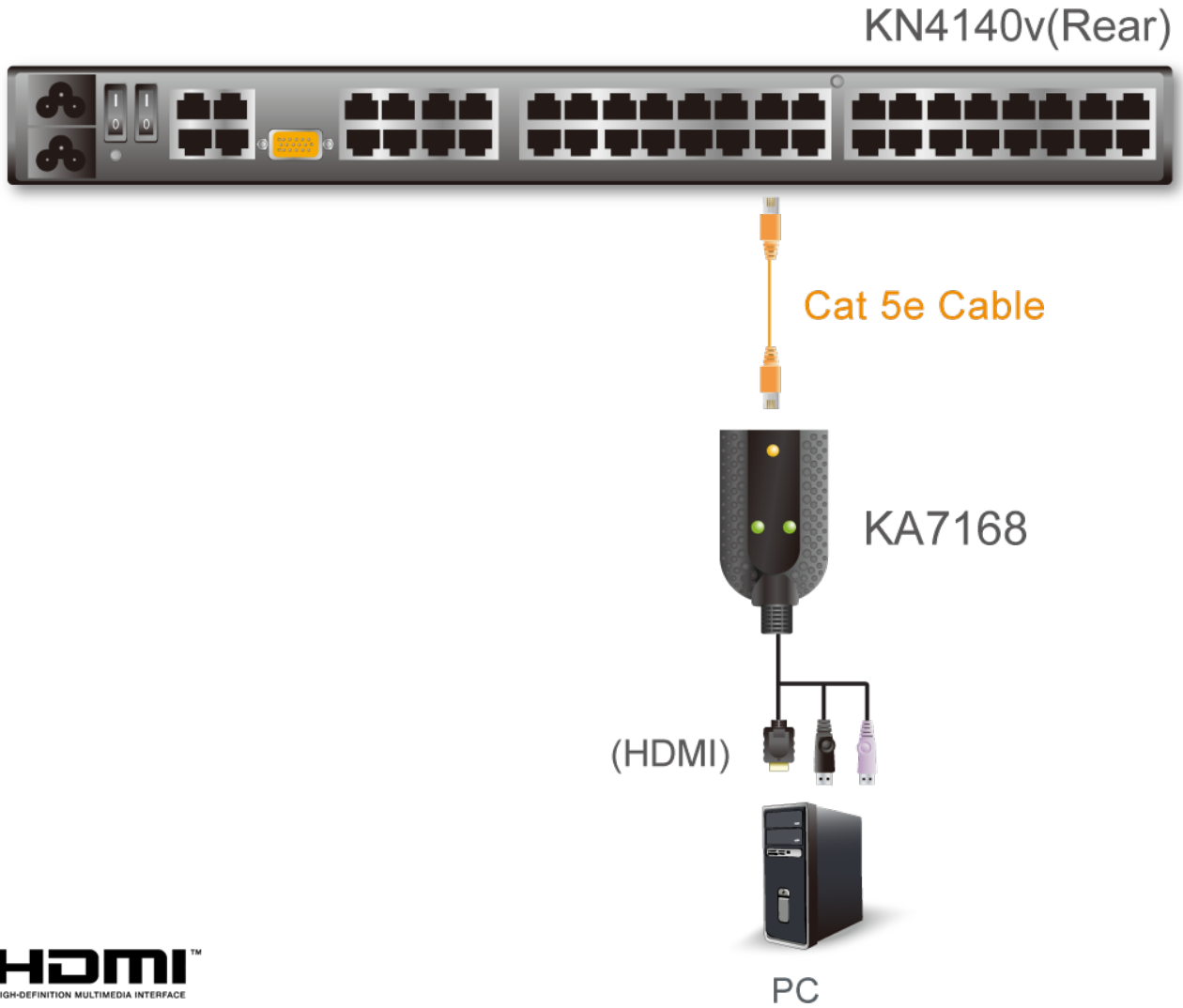
\* This maximum resolution may vary depending on the transmission distance. For more details, please refer to the product pages of the connected KVM switches.

\*\* 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<br>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<br>(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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