

KG8950T

USB 4K HDMI KVM DigiProcessor



The KG8950T USB 4K HDMI KVM DigiProcessor can centrally connect from the KVM over IP OmniBus Gateway to the target computer. Its digital signal delivers superior signal compensation for greatly enhanced video quality up to 3840 x 2160 @30 Hz, 24-bit color depth and raises the data transfer rate faster than traditional KVM solutions. This plug and play KVM DigiProcessor is built with a powerful SoC that provides excellent video compression performance. Its zero-U and light weight design allows for an efficient and tidy installation, providing an ideal space-saving solution. The KVM DigiProcessor is perfectly suited to data center, server room, control room and high tech production line applications.

Note: The ATEN KVM DigiProcessor is only compatible with [KG0016](#) / [KG0032](#). Make sure the [KG0016](#) / [KG0032](#) and the KVM DigiProcessor are connected directly with each other and there is no network switch in between. The SP port on the ATEN DigiProcessor is reserved for future expansion.



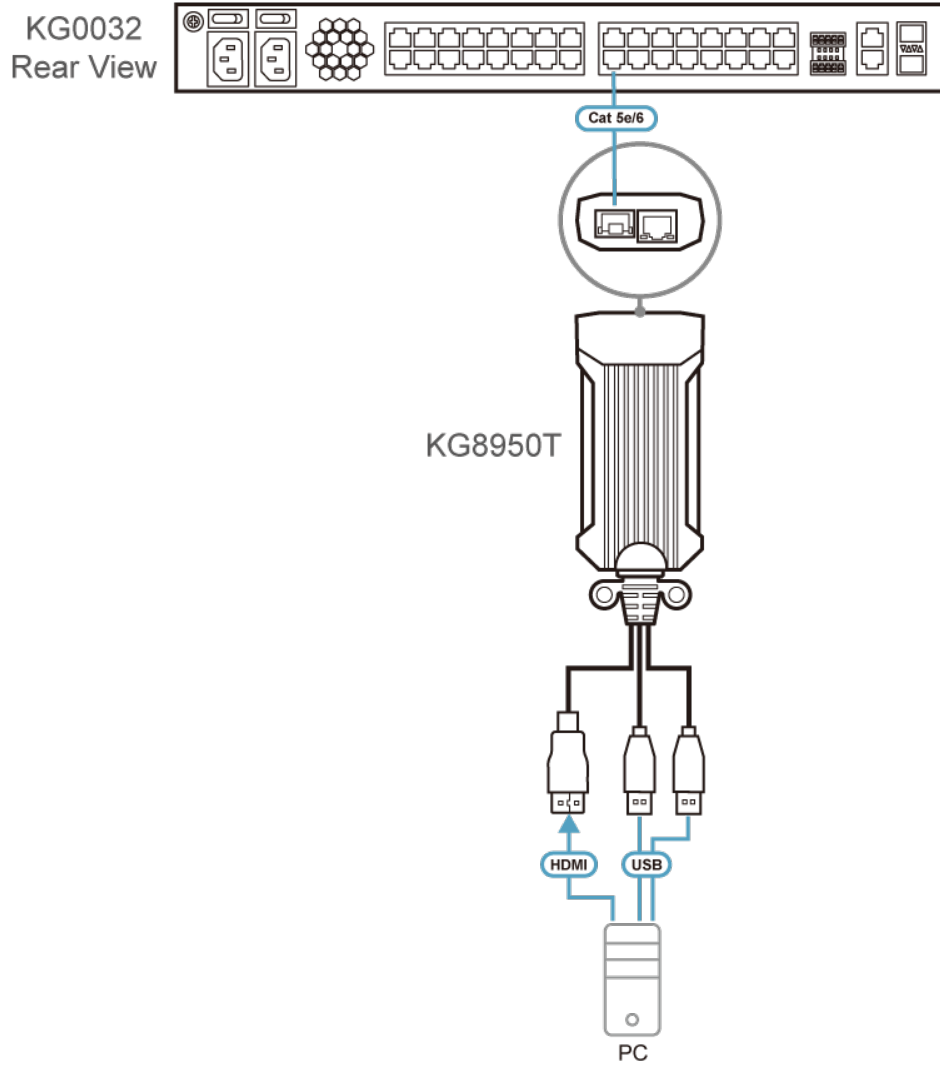
Features

- Superior video quality – supports resolutions up to 3840 x 2160 @30 Hz; 24-bit color depth
- Distortion-free dynamic video performance up to 100m via a Cat 5e/6 cable
- Virtual Media supports fast transmission speeds up to Read 265Mbps / Write 188Mbps
- Space saving – 0U and compact design with SR mounting hanger for organized server rack installation
- Light-weight aluminum die casting shroud – enhanced passive cooling design with streamlining stripe all around the shroud to help quick radiation
- Bus-powered – no external power adapter required with ultra-low power consumption
- Firmware upgradable
- Smart Card / CAC reader support
- HDMI digital audio support

Specifications

| | |
|------------------------|--|
| Connectors | |
| Link | 1 x RJ-45 Female (KVM) 1 x RJ-45 Female (SP) (Reserved for future expansion) |
| Computer | 2 x USB Type A Male 1 x HDMI Male |
| Switches | |
| Reset | 1 x Semi-recessed Pushbutton |
| LEDs | |
| Link | 1 (Green)- On: Active / Blinking: Transmit/Receive) |
| 10/100/1000 Mbps | 1 (Off / Orange / Green) |
| Power | 1 (Green) |
| Power Consumption | DC5V:4.26W:20BTU/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 | 0–95% RH, Non-condensing |
| Physical Properties | |
| Housing | Aluminum Die-casting Housing |
| Weight | 0.28 kg (0.62 lb) |
| Dimensions (L x W x H) | 12.20 x 5.80 x 2.58 cm (4.8 x 2.28 x 1.02 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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