



ATEN CN9950

ProdCode: ATENCN9950

1-Local/Remote Share Access Single Port 4K DisplayPort KVM over IP Switch



[\[Download Images\]](#) (.zip file)

Features

- 1-Local/Remote Share Access Single Port 4K DisplayPort KVM over IP Switch
- Supports DisplayPort resolution up to 4K DCI (4096 x 2160) @ 30 Hz
- Two 10 / 100 / 1000 Mbps NICs for redundant LAN or two IP operation
- Dual power supply to ensure seamless connectivity
- Up to 64 user accounts – up to 32 users can simultaneously share control

Secure Your New Normal with a Direct Hack-proof Connection

The CN9950 provides over-IP capability for remote access to a dedicated PC/server via a direct BIOS-level, hack-proof network connection, and expands on previous models with increased visual excellence, up to 4K DCI resolution, by utilizing an FPGA graphics processor. It allows for secured remote access to audio, video, and virtual media, facilitating instant file sharing and system updates over the network without the need for any extra software installation or configuration.

The CN9950 KVM over IP switch is ideal for global organizations and companies with several office locations by bridging local and remote workplaces with a seamless connection without any restriction or loss in productivity. It is a secure and practical solution to help keep businesses afloat during a downturn or global crises.

- **Security Guarded Remote Access, Wherever You Are**

The CN9950 provides a direct BIOS-level connection to the dedicated PC/server to allow for instant remote access from different locations without requiring any extra software installation or configuration.

- **Dual LAN / Power Redundancy**

The CN9950 is equipped with dual LAN / power connectivity that strengthens system reliability by maintaining uninterrupted operations during any contingency. Power connectors are fastened with screw locks to ensure robust power failover, and power status can be identified easily via the LED indicators.

- **Virtual Media Support for Prompt System Updates**

The CN9950 enables authorized virtual media support to run file applications and software installations over the network, and this is especially useful for diagnosing and troubleshooting network and BIOS issues, as well as performing software updates and patches to keep your system up-to-date.

- **DI and Relay Connectivity for Contingency Approach**

The CN9950 comes built in with a 5-pin control terminal for a DI input connection for system alerts (from a thermometer, humidity/door sensor), as well as a relay terminal for a virtual power-on feature that remotely reboots a hung or crashed PC/server to ensure constant system availability for mission-critical applications.

Applications

The CN9950 is ideally suited for use in control rooms and server rooms of diverse industries, as well as work-from-home scenarios.

Hack-proof Remote Access Solution in Action

Unlike third-party solutions, such as RDP (Remote Desktop Protocol) and VNC (Virtual Network Computing), a KVM over IP switch does not require any additional driver/software and can operate independently of a functional operating system when the PC/server is in its BIOS-level state. KVM access to the PC/server is built upon a direct connection with the keyboard, video and mouse, while the communication between the PC/server and the remote workstation is securely strengthened with encryption. This hack-proof hardware-based remote access path is separated from the operation network to keep data and workflow secure from end to end, and allows the PC/server to remotely perform system reboots and installation of software updates in case of emergency. Hence, there are zero concerns about data leakage, backdoors, or any form of cyber attack, which is something that a software solution simply cannot guarantee.

In the box:

- 1x CN9950 4K DisplayPort KVM over IP Switch
- 1x DisplayPort cable
- 1x USB cable (USB-A to USB-B)
- 1x USB cable (USB-A to Mini-USB)
- 1x power adapter and power cord
- 1x control terminal block
- 1x mounting kit
- 1x foot pad set
- 1x user instructions

