Adder AL-IPEPS

AdderLink iPeps User Manual

Model: AL-IPEPS

1. INTRODUCTION

The AdderLink iPeps is a compact, platform-independent KVM over IP gateway designed to provide secure, remote access to computers from anywhere in the world via the Internet or a corporate network. It integrates a complete KVM over IP engine into a palm-sized unit, offering a non-blocking solution for computer management.

This manual provides detailed instructions for setting up, operating, and maintaining your AdderLink iPeps device, ensuring optimal performance and reliable remote access.

2. KEY FEATURES

- **Interface Powered:** The unit can be powered directly via the interface, with an optional external power supply available for specific setups.
- **Independent Operation:** Provides full control over the connected computer even during boot-up, at BIOS level, or in the event of a computer crash.
- **Flexible KVM Connections:** Supports both USB and PS/2 keyboard and mouse connections.
- **Virtual Media Support:** Enables the transfer of files and installation of software remotely via USB.
- **High Performance Video:** Delivers clear and responsive video over IP.
- **Real VNC Client Software:** Utilizes VNC client software specifically designed for secure, high-performance KVM over IP applications.

3. SETUP AND INSTALLATION

Follow these steps to set up your AdderLink iPeps device:

3.1 Package Contents

Before you begin, ensure all components are present:

- AdderLink iPeps unit
- USB cable (for virtual media and power, if applicable)
- VGA cable

- Optional external power supply (if purchased separately)

3.2 Physical Connections

Refer to the images below for port identification and connection points.

Figure 3.1: AdderLink iPeps unit, showing the overall compact design and front panel indicators.

Figure 3.2: Rear and side view of the AdderLink iPeps, highlighting the network port, power input, and KVM connections.

1. **Connect to Computer:**

   - Connect the VGA cable from the computer's video output to the VGA input port on the AdderLink iPeps.
   - Connect the USB cable from the computer's USB port to the USB port on the AdderLink iPeps. This provides power to the unit and enables virtual media support. Alternatively, connect PS/2 keyboard and mouse cables from the computer to the respective PS/2 ports on the iPeps.

2. **Connect to Network:**

- Connect an Ethernet cable from your network switch or router to the RJ45 network port on the AdderLink iPeps.

3. **Power On:**

    - If using the optional external power supply, connect it to the power input port on the AdderLink iPeps and then to a power outlet. If powering via USB, ensure the USB connection to the computer is active.
    - Once powered, the unit will initiate its startup sequence.

3.3 Initial Network Configuration

The AdderLink iPeps typically obtains an IP address via DHCP by default. For initial access or if DHCP is not available, you may need to use a network scanner or direct connection to configure its IP address. Refer to the AdderLink iPeps quick start guide or the full user manual (available on the Adder website) for detailed network configuration steps, including setting a static IP address if required.

4. OPERATING THE ADDERLINK IPEPS

Once the AdderLink iPeps is connected and configured on your network, you can begin remote operation.

4.1 Remote Access via VNC Client

1. **Install VNC Client:** On your remote computer, install a Real VNC client software. The AdderLink iPeps is optimized for secure, high-performance KVM over IP applications using Real VNC.
2. **Connect to iPeps:** Launch the VNC client and enter the IP address of your AdderLink iPeps unit.
3. **Authenticate:** You will be prompted for a username and password. Use the default credentials or any custom credentials you have set during initial configuration.
4. **Remote Control:** Upon successful authentication, you will gain full KVM (Keyboard, Video, Mouse) control over the connected computer.

4.2 Virtual Media Functionality

The AdderLink iPeps supports virtual media, allowing you to mount ISO images or USB drives from your remote computer to the target computer. This is useful for installing operating systems, software, or transferring files.

- Ensure the USB connection between the iPeps and the target computer is active.
- Within the VNC client interface, locate the virtual media options.
- Select the local drive or ISO file you wish to mount. It will appear as a connected device on the target computer.

5. MAINTENANCE

To ensure the longevity and optimal performance of your AdderLink iPeps, follow these maintenance guidelines:

- **Cleaning:** Use a soft, dry cloth to clean the exterior of the unit. Do not use liquid cleaners or aerosols.
- **Ventilation:** Ensure the unit is placed in a well-ventilated area to prevent overheating. Do not block any ventilation openings.
- **Firmware Updates:** Periodically check the Adder website for firmware updates. Keeping the firmware up-to-date can provide new features, performance improvements, and security enhancements. Follow the instructions provided with the firmware update package carefully.
- **Cable Management:** Ensure all cables are securely connected and not under undue strain.

6. TROUBLESHOOTING

This section addresses common issues you might encounter with your AdderLink iPeps.

6.1 No Video Display

- **Check VGA Connection:** Ensure the VGA cable is securely connected between the computer and the iPeps.
- **Power Status:** Verify the iPeps unit is powered on. Check the power indicator light.
- **Computer Output:** Ensure the connected computer is powered on and outputting video.

6.2 No Keyboard/Mouse Control

- **Check USB/PS2 Connections:** Ensure the USB or PS/2 cables are securely connected between the computer and the iPeps.
- **VNC Client Status:** Verify that your VNC client is properly connected to the iPeps.
- **Computer State:** The iPeps provides control even during boot-up or crashes, but ensure the computer itself is responsive to input.

6.3 Cannot Connect to iPeps via Network

- **Network Cable:** Ensure the Ethernet cable is securely connected to the iPeps and your network.
- **IP Address:** Verify the IP address of the iPeps. If it's set to DHCP, check your router's DHCP client list. If it's static, ensure your remote computer is on the same subnet or has proper routing.
- **Firewall:** Check for any firewall settings on your remote computer or network that might be blocking the VNC connection.
- **Network Activity Lights:** Observe the network activity lights on the iPeps and your network switch to confirm link status.

6.4 Poor Video Performance

- **Network Bandwidth:** Ensure sufficient network bandwidth is available between your remote computer and the iPeps. High latency or low bandwidth can affect performance.
- **VNC Client Settings:** Adjust video quality settings within your VNC client to optimize for your network conditions.
- **Network Congestion:** Reduce other network traffic if possible.

7. SPECIFICATIONS

Attribute	Value
Model Number	AL-IPEPS
ASIN	B0047N3EN6
Manufacturer	Adder
Item Weight	2.87 pounds
Date First Available	December 19, 2011
KVM Connections	USB, PS/2, VGA
Network Interface	Ethernet (RJ45)
Power	Interface powered, optional external PSU
Virtual Media	Supported via USB

8. WARRANTY AND SUPPORT

Warranty Information: The AdderLink iPeps comes with a standard manufacturer's warranty. Please refer to the warranty card included with your product or visit the official Adder website for detailed terms and conditions regarding warranty coverage and duration.

Technical Support: For technical assistance, troubleshooting beyond this manual, or inquiries about your AdderLink iPeps, please contact Adder technical support. Support resources, including FAQs, drivers, and additional documentation, are available on the official Adder website:

www.adder.com

When contacting support, please have your product model number (AL-IPEPS) and serial number ready.