ADDERLink™ ipeps+

Remote Access KVM

High performance KVM over IP that delivers a complete, secure, non-blocking approach to Remote Server management

Features

Independent Operation
Gives full control even during boot up, BIOS level or computer crash states. The ADDERLink™ ipeps+ will work even if the controlled device is not operational.

High Video Performance
The ipeps+ will accept an HDMI® input up to 1920x1200 resolution. It incorporates the renowned VNC™ Viewer from RealVNC®, which allows frame rates of up to 30fps, depending upon available network bandwidth and content. Alternatively, it may be used with any VNC viewer that supports RFB v3 or v4. The unit may be attached to computers with DVI or DisplayPort™ DP++ (dual-mode) with a converter cable.

Highly Secure
Enterprise grade security (using AES 128 or 256-bit encryption and RSA 2048-bit public key authentication) is employed as standard. This is further enhanced by VNC, which allows the creation of ciphered user communications.

User Management
The ipeps+ can create up to 16 user profiles with defined access rights. LDAP integration with Active Directory is provided for enterprise level user authentication. Up to 8 remote users may access the unit simultaneously.

EDID Management
The ipeps+ has intelligent EDID management allowing the user to specify the video modes generated by the controlled device.

Local Console
KVM connections are available for local user access. This may be useful during emergency and system maintenance activities.

Multi-screen Computers
Access computers with up to 4 screens. Requires computer operating system that supports Absolute mouse mode. A separate ipeps+ and VNC Viewer is needed for each screen.

Virtual Media
The ipeps+ may be used as a conduit to transfer files in both directions between remote users and the controlled computer.

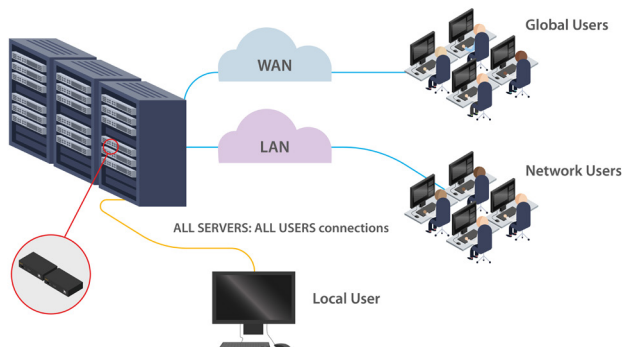### Remote Gateway To ADDERLink™ Matrix Products
The ipeps+ may be used as a remote gateway into the ADDERLink™ INFINITY, DDX and XDIP matrix systems, plus the ADDERView™ 4 PRO Switch. This will allow remote users to access any computer connected to the switch.

Product In Brief

A powerful and flexible KVM over IP product contained within a compact unit, the ADDERLink™ ipeps+ enables computer access from anywhere in the world, securely and remotely via the Internet or a corporate network.

The ipeps+ uses RealVNC™ client software that is specifically designed for secure, high performance KVM over IP applications.

- Access Multi-Screen Computers
- High performance video streaming up to 1920x1200 resolution at 30 frames per second
- Non-blocking access for up to 8 remote and one local users
- Compact metal case

Technical Specifications

Controlled Computer Connections
• HDMI® and USB Type B
• Supports USB1.1 and USB2.0 HID devices (keyboard, mouse, tablet and touch)
• Can be interfaced to DVI and DisplayPort™ with appropriate adaptors

Video Resolutions
• The system supports resolutions to a maximum of 1920x1200 @60Hz

Software Compatibility
• All known operating systems
• No drivers required

Network Connections
• RJ45 (8p8c) Ethernet port

Local Console Connections
• HDMI, 3x USB Type A
• Audio 3.5mm (reserved for future use)

Front Panel
• LED status indicators for network (LNK), local user connection (LOC), remote user connection (REM) and power/upgrade (PWR)

Physical Design
• Compact case, robust metal construction
• Dimensions: 169mm/6.65"(W) x 31mm/1.22"(H) x 120mm/4.8"(D)
• Weight: 0.6kg/1.3lbs

Power Supply
• 100-240 VAC, 47/63Hz
• 12 VDC 18W output from power supply unit

Operating Temperature
• 0ºC to 40ºC/32ºF to 104ºF

Approvals
• CE, FCC

ADDERLink ipeps+ Front

ADDERLink ipeps+ Back

Ordering Information

IPEPS-PLUS-XX: Single node with 12V PSU and country specific power cable

What's in the Box
1x IPEPS-PLUS unit
1x power supply unit
1x country specific power cable
1x 2m/6.5ft HDMI® cable
1x 2m/6.5ft USB A to B cable
1x quick start guide

Accessories (Sold Separately)

VSCD11: 2m/6.5ft HDMI® to DVI-D convertor cable
VSCD12: 1.5m/5ft Lockable HDMI® cable
RMK8: Rackmount kit

About Adder

Adder is a leading developer and thought leader in connectivity solutions. Adder's advanced range of KVM switches, extenders and IP solutions enable the control of local, remote and global IT systems across the enterprise. The company distributes its products in more than 60 countries through a network of distributors, resellers and OEMs.

Adder has offices in China, Germany, Japan, the Netherlands, Singapore, Spain, France, Sweden, United Kingdom and United States.

To find out more, visit: adder.com

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THE IP KVM PEOPLE

DATA SHEET