KLEv2 - IP KVM Extender

New Generation KVM IP Extender

Secure Remote Control. KLEv2 is a new secure IP KVM extender to access remote computers or servers with total security and convenience. KLEv2 provides the highest level of security and features that can be applied to modern IP KVM switches. With KLEv2 you can work or carry out maintenance operations from any location in the world over the Internet, or from any office of your company over your LAN.
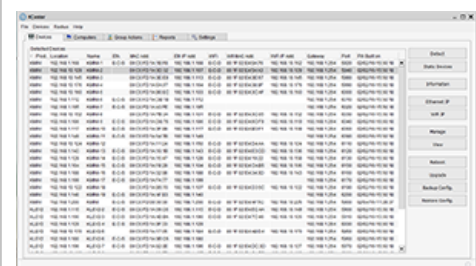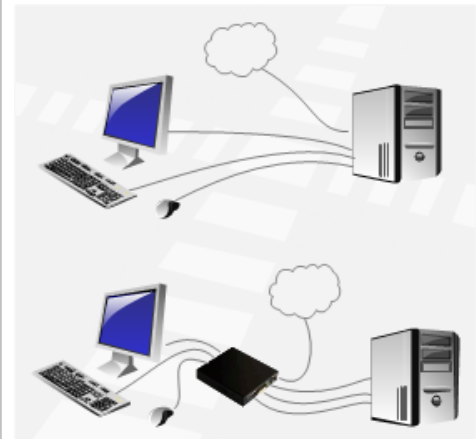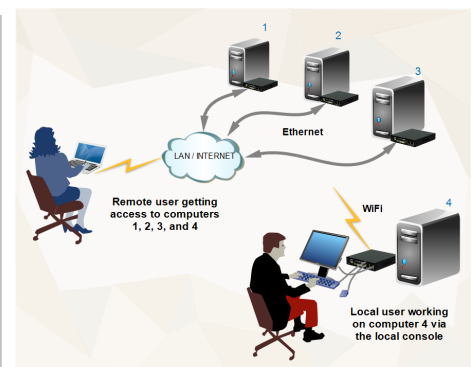
Leverage the Network Infrastructure. KLEv2 does not need any specific wiring. It uses the existing network infrastructure and is not bandwidth hungry.

Wireless Connection. If needed, using a minuscule USB adapter, KLEv2 can communicate via a wireless connection instead of (or in parallel with) the Ethernet cable.

Local Console and Ethernet Switch. You can connect a USB keyboard, a USB mouse, and a VGA or DVI monitor to KLEv2. They will provide the same service as if they were directly connected to the computer. KLEv2 also features two Ethernet ports with an internal Ethernet switch. You can use the Ethernet cable of the computer to connect KLEv2 to the LAN and add a short patch cord from KLEv2 to the computer. All these features mean that you can insert a KLEv2 to get remote control of a computer without changing anything to the local configuration and usage. You don't need an extra Ethernet port on your Ethernet switch.

Free Management Software. An unlimited set of KLEv2s and KMinis can be managed with KCenter. KCenter is free management software that centralizes commands, logs and alarms to and from all devices. It can run on almost all platforms.

Power Control. KLEv2 can drive most of power supply controllers (PDUs) that are controlled through an RS232 interface. Using a PDU makes you able to remotely power off and power on the computer. The natural companion PDU of KLEv2 is ioPower.

Digital and Analog Video. Unlike conventional KVM switches that only support one type of video, KLEv2 supports digital DVI / HDMI and analog VGA videos. You do not have to worry about the type of video provided by the computer. The video resolution can be high: 1600x1200 in VGA and 2048x1152 in DVI / HDMI.

Fast Mouse. The mouse is accurate and quick. The Absolute mode eliminates the possibility of loss of synchronization between local and remote mice.

Several Viewers. The viewers for Windows, Java, and Android allow working on almost all environments.

Virtual Media Feature. KLEv2 can emulate a USB mass storage device. Thanks to this feature you can have a local DVD, USB key or ISO file looking like if they were directly connected to the computer under control. This is called Virtual Media feature and it can be used to transfer data or install programs on the connected computer.

Security, Management of users. KLEv2 provides a high level of security with SSL encrypted connections. Users have individual ID/Password and privileges determined by reading the device internal database or by requests to LDAP / RADIUS / Active Directory servers in case your company has already set up a centralized management of users.

Specifications

Supported Video Modes	VGA (max 1600x1200@60Hz) and DVI (max 2048x1152@60Hz) DVI connections must use standard DVI cables. HDMI connections are possible with HDMI-DVI adapters or cables.VGA connections are possible with VGA / DVI-A adapters or cables When input video is analog (VGA), output on local console video connector is analog (VGA). When input video is digital (DVI), output is digital (DVI).
Computer Port Connectors	DVI-I (DVI+VGA) USB type B (composite device)
Local Console Connectors	DVI-I (DVI + VGA) 2 x USB type A
Ethernet Interface	2 x RJ-45 connector, 10/100 BASE-T connection with auto-sensing. Internal Ethernet switch between the two ports.
WiFi Interface	By plugging the EDIMAX EW-7811Un USB adapter to the dedicated USB extension port. Connection to WPA/WPA2 (preferred) or WEP networks.
Remote Mouse	Relative or Absolute modes. In absolute mode the local and remote mice cannot be desynchronized.
Viewers	Windows viewer / JAVA viewer / Android viewer. Windows and Java viewers are free. The Android viewer must be bought on Android Play Store.
Settings	With KCenter or with any modern browser via HTTPS secure connection
Security	SSL/TLS, Encryption with 256-bit ephemeral keys User/server authentication based on passwords and PKI certificates
Power supply	External DC 5V 2A
Temperatures	Operation: 0 to 50°C; Storage: -20 to 60°C
Humidity	0 to 90%, non-condensing
Housing	Metal, black.
Dimension (LxWxH)	14.5 x 11.5 x 2.5 cm
Weight	480 g
Safety / EMI	FCC, CE

Purchase Number: **KLEv2-25-01**