KVM over IP Access DVI-I, USB & PS/2

User Manual   *English*

No. 39416

lindy.com

Index

Safety Instructions

! WARNING !

Please read the following safety information carefully and always keep this document with the product.

Failure to follow these precautions can result in serious injuries or death from electric shock, fire or damage to the product.

Touching the internal components or a damaged cable may cause electric shock, which may result in death.

This device is a switching type power supply and can work with supply voltages in the range 100 - 240 VAC For worldwide usability four different AC adapters are enclosed: Euro type, UK type, US/Japan type and Australia/New Zealand type. Use the appropriate AC adapter as shown in the picture and ensure it is firmly secured in place and does not detach by pulling before installing into a power socket.

To reduce risk of fire, electric shocks or damage:

- Do not open the product nor its power supply. There are no user serviceable parts inside.
- Only qualified servicing personnel may carry out any repairs or maintenance.
- Never use damaged cables.
- Do not expose the product to water or places of moisture.
- Do not use this product outdoors it is intended for indoor use only.
- Do not place the product near direct heat sources. Always place it in a well-ventilated place.
- Do not place heavy items on the product or the cables.
- Please ensure any adapters are firmly secured and locked in place before inserting into a wall socket

Instructions for Use of Power Supply

If fitted, remove the plastic protective piece from the adapter.

Insert the required plug into the adapter.

The plugs are keyed to avoid incorrect insertion.

Push the adapter firmly towards the housing, twist and allow the latch on the adapter to click into place.

To remove, push the button marked and twist in the opposite direction.

Make sure the plug is locked firmly in place before use!

Push & Rotate to lock.   Push & rotate to unlock.
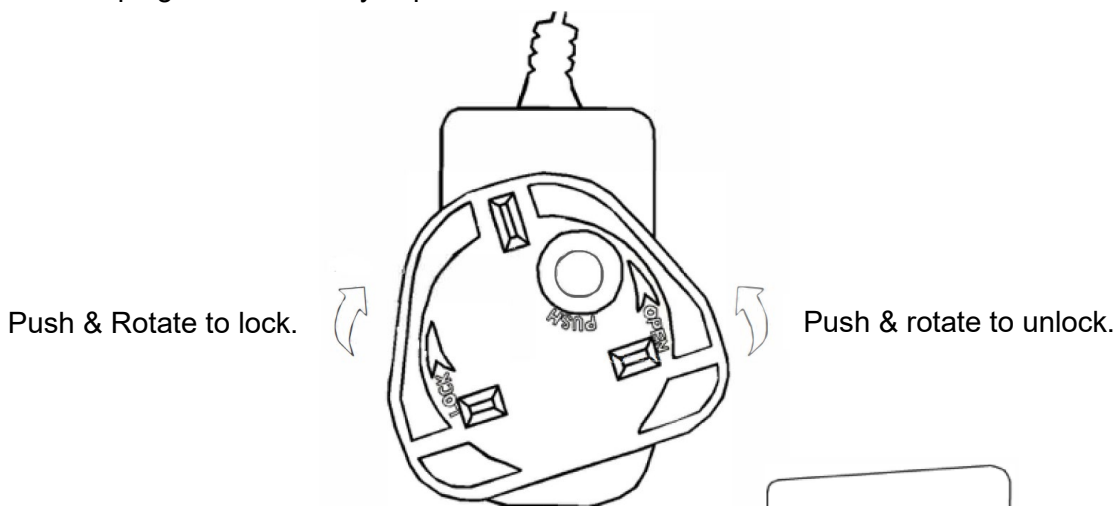
CAUTION!

Keep out of reach of children.

NEVER insert the plug separately into a mains socket!

Introduction

Thank you for purchasing the KVM over IP Access DVI-I, USB & PS/2. This product has been designed to provide trouble free, reliable operation. It benefits from both a LINDY 2-year warranty and free lifetime technical support. To ensure correct use, please read this manual carefully and retain it for future reference.

KVM over IP Access DVI-I, USB & PS/2 is an IP-based KVM link Extender for remote server management. It allows virtual management of server, PCs or KVM with DVI and USB ports over the Internet. It supports secured access with password authentication and encrypted session and can be accessed via IP.

Package Contents

- KVM over IP Access
- 1 x DVI-D cable, 1.2m
- 2 x DVI-A Male to VGA Female adapter
- 1 x USB Type A to Type B cable, 1.2m
- 1 x PS/2 to dual PS/2 KM cable, 1.2m
- 1 x 3 pin Jack to serial D9 cable, 1m
- 5VDC 3A Multi-country Power Supply (UK, EU, US & AUS), Barrel Size: 5.5/2.5mm DC Jack
- This Manual

Features

- IP based KVM remote control solution for server or PC management
- Supports DVI Single Link and VGA resolutions up to 1920x1200
- USB and PS/2 ports for source connection
- USB 2.0 ports for console connection
- USB Wi-Fi port to support a USB Wi-Fi dongle (not included, chipset supported is Realtek RTL8192CU)
- Inbuilt 2 port fast Ethernet Hub
- Supports virtual media and ISO

Specification

- Supports DVI 1.0, USB 2.0 specification
- DVI-I port for digital or analogue video signal
- Intelligent compression technology for optimised video transmission
- Various security options and access for users with different levels of permission
- Operating Temperature: 0°C - 40°C (32°F - 104°F)
- Storage Temperature: -20°C - 60°C (-4°F - 140°F)
- Humidity: 0 - 90% RH (non-condensing)
- Black, metal housing
- Power Requirements: AC100-240V 50/60Hz
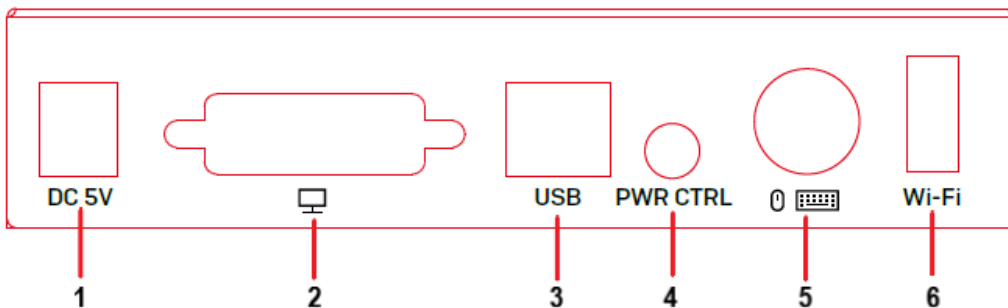- Power Consumption: 15W

Front
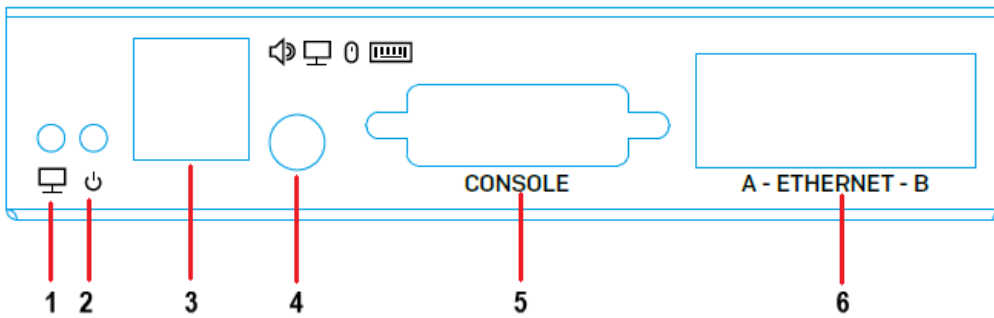
1. **Video LED** – Lights up when remote IP session is active
2. **Power LED** – Indicates Power
3. **2 x USB Device Ports** – USB HID ports to plug in keyboard and mouse
4. **Debug port** – For service use
5. **DVI-I Out** – Connect to a DVI-D or VGA display
6. **2 x Ethernet Hub** – Connect to a network

Rear

1. **DC 5V** – Connect the 5VDC 3A PSU
2. **DVI-I In** – Connect to a DVI or VGA PC, Server or KVM device
3. **USB In** – Connect to a USB port of PC, Server or KVM device
4. **Power Control** – For future use
5. **PS/2 In** – Connect to PS/2 port of PC, Server or KVM device
6. **USB WiFi** – Connect to a WiFi USB dongle with Realtek RTL8192CU chipset (optional)

Connection Diagram
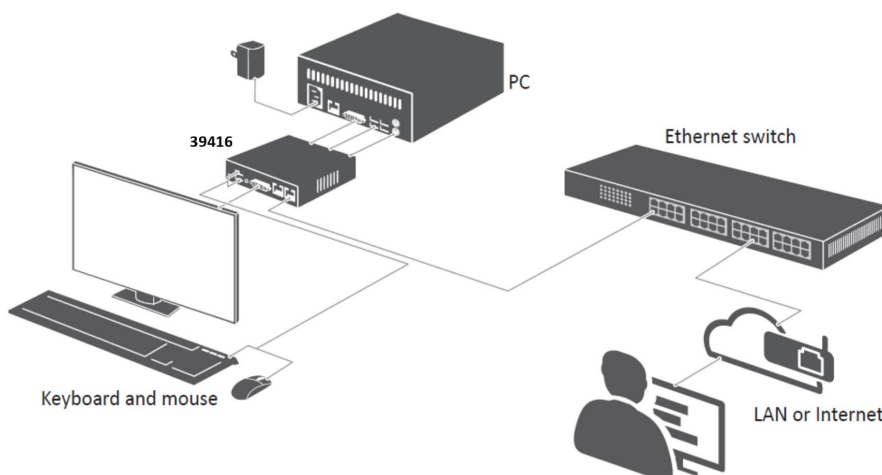
The diagram illustrated here is an example, applications may vary.

Getting Started

Important! Before starting the installation, please ensure that all devices are powered off.

The following steps are for a basic installation using DVI equipment in a standard KVM installation, if you are using VGA equipment, please substitute the DVI-A to VGA adapter (included) and a VGA cable (not included) with DVI cables where required.

1. Connect your DVI equipped PC to a DVI-I In port using a DVI cable.
2. Connect your PC to the USB In port using a USB Type A/B cable or to the PS/2 In port using the PS/2 to dual PS/2 cable.
3. Connect a DVI display to the DVI-I Out port using a DVI cable and USB keyboard & mouse to the USB device ports.
4. Connect one Ethernet port to a network using a Cat.5e cable.
5. Plug the DC power supply into the DC 5V power socket and switch on.
6. Power on your Computer and display to complete the installation.

Operation

By factory default, the KVM IP Access address is **HTTPS://192.168.1.200:5908** using a web browser, default log-in account is:

User name: **superuser**
Password: **superu**

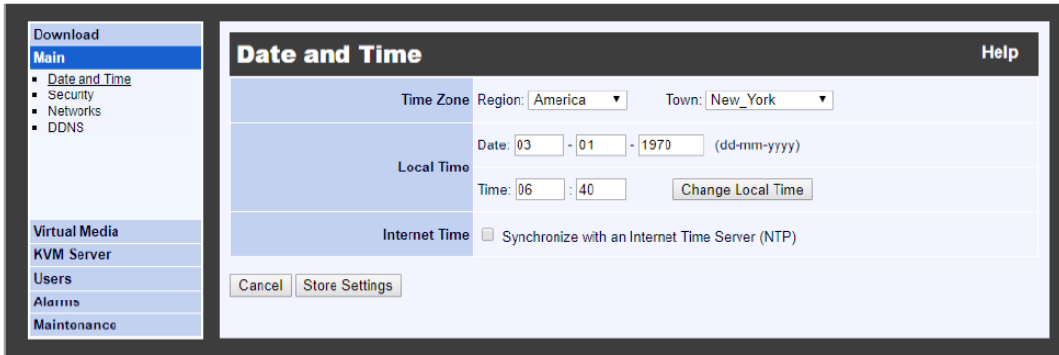After first log in the following page will appear

Web management configuration

Download
Refer to the chapter **Viewer Configuration** below.

Main
Date and Time: Connect the IPKVM to internet and select Synchronize with an Internet Time Server (NTP) to set up the Local Time. Click on Store Settings so save.

Security: Specify the encryption level of connections, the certificates, and the password policy choosing from No Password, Global Password, or User Password.

Networks:
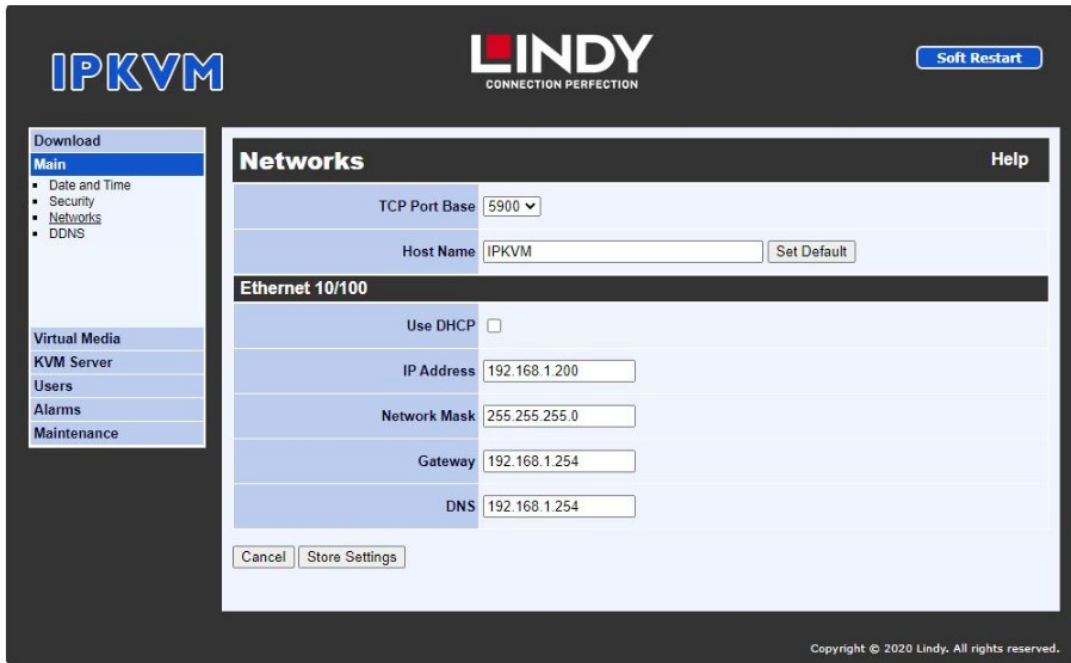
TCP Port Base: Specify the port base for viewer connections with the unit. You can choose any available port base, starting from 5900 with an increment of 10 right up to 6400. TCP port base + 8 is the port number you will use for https web management.

For example, if your IP address is 192.168.1.192 and the TCP Port Base setting is 5920, then the new address for accessing the Web Management is https://192.168.1.192:5928.

Host Name: The host name is the name that the unit will assume on your Local Area Network. Click Set Default to load the default hostname composed of the product name and the Hardware MAC address of the Ethernet port.

Use DHCP: This option allows the unit to get all TCP/IP settings automatically from a DHCP server.

IP Address: Enter a fixed IP address (in dotted decimal format such as 192.168.1.200).

Network Mask: Enter a net mask value (in dotted decimal format such as 255.255.255.0).

Gateway: Enter the fixed IP address (in dotted decimal format such as 192.168.1.254) of the gateway (i.e. router) to access the Internet.

DNS: Enter the IP address (in dotted decimal format such as 80.10.246.30) of the DNS server that will be used by the unit for domain name resolution (ask your network administrator if needed).
You may enable a valid DNS server IP address to allow email alerts, DDNS, connection to NTP servers, etc.

Wireless Interface IP Settings (optional)

This subsection is hidden if you do not have a compatible wireless 802.11 USB adapter plugged in the USB Wi-Fi port of the unit. Dongle's chipset supported is **RTL8192CU**. It's strongly recommended to use a WPA/WPA2 wireless connection, older protocols such as WEP are unsecure.

Check Enable Wireless Interface to put the wireless interface in service. Wait until the service is started and the wireless part of this form is displayed.

In Network Name (SSID), select the name of the wireless network (SSID) you want to connect to. If unknown, please get this information from your network administrator. If the wanted SSID does not appear in the list, click on Scan. Eventually, if you cannot get the desired SSID, this is likely because the access point is out of reach.

Please refer to the Help page to fill in the wireless interface parameters. We recommend you leave the wireless router or access point configure the unit by checking Use DHCP.

Please Note: The Ethernet port and the Wireless port can work simultaneously at the condition they belong to different IP networks. In the case that both ports are set to conflicting IP addresses, the Ethernet port will work, and the wireless port will not work whether or not the Ethernet cable is connected.

So, if you plan to use the wireless alone, i.e. without Ethernet cable, please give to the Ethernet port a fake IP address in a different network. For example, if the IP address of the wireless port belongs to 192.168.1.xxx, you could set the Ethernet Port to 192.168.2.xxx (netmask = 255.255.255.0).

Make sure you pass all information about the KVM IP Access to your Network Administrator so that he can make the needed adjustments to the firewalls, network configuration, and DMZ of routers for the unit to function properly and to allow it to be accessed from remote locations across the Internet.

Once all the configurations have been changed, click the **Store Settings** button to save the settings and then click the **Soft Restart** button to validate these new settings. The settings will be invalid without restarting the system.

DDNS: Enable and configure a Dynamic DNS client allowing to access the unit with a fixed alias name when the public Internet IP address provided by the ISP is not fixed.
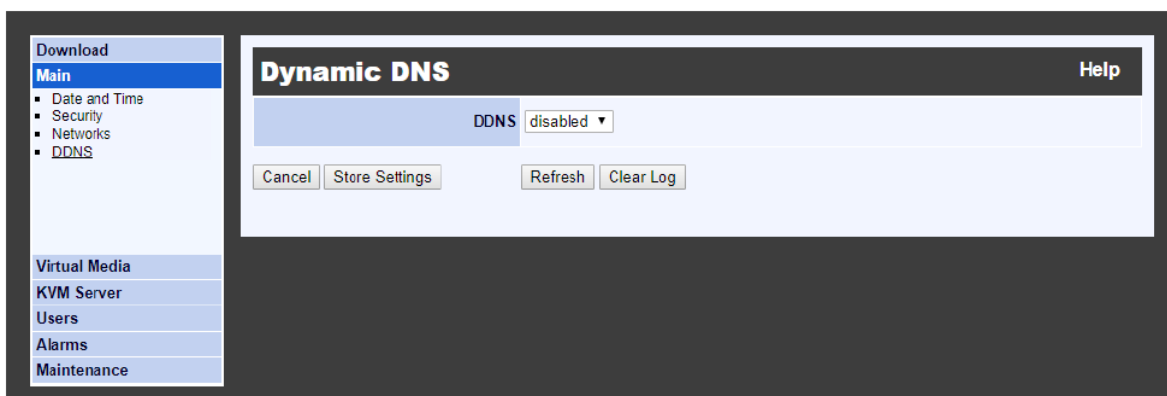
Virtual media
Remote Media
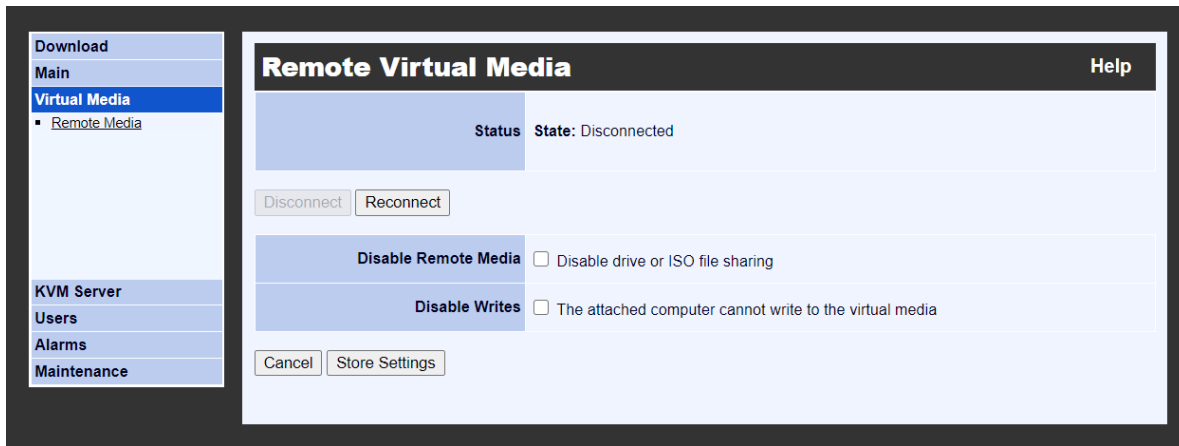
When running a viewer, you can share a DVD/CDROM, USB key, or ISO file with the computer attached to the unit. For example, a CDROM in the drive of the computer running the viewer can appear like a removable mass storage to the KVM IP Access-attached computer. Thus, from your remote location, you can transfer files, install new programs or even install a complete OS into the attached computer. Note that the transfer speed is limited by the network bandwidth, so it cannot be as fast as a direct attachment.

If you share one of your hard drives, the attached computer can also write to your disk, provided you did not check the option **Disable Writes**.

This page shows the current status of the connected Virtual Media and allows to forcefully disconnect it. Specify whether the attached computer can or cannot write to the Virtual Media.

KVM Server
Server Log
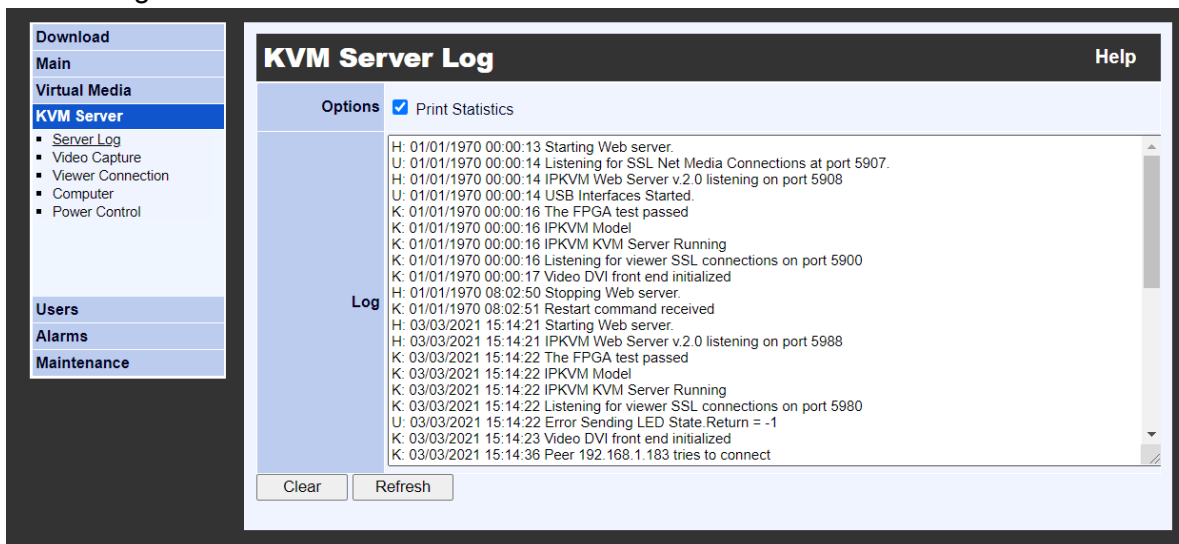
The Server Log keeps detailed record of events, errors, user logins and logouts, video modes, etc. It also records each login attempt, even when the attempt is not successful. It provides certain technical details such as compression ratio, encoding scheme and bytes transmitted in each viewer session. This is the place where you should go first to know the usage and state of your KVM IP Access.

This page is the place where you can see the log content, clear the log content, refresh the display of the log, enable/disable the recording of statistical information about user connections.

Once the log file reaches its maximum size, oldest data is erased to give room to new data.

Each log entry is composed of the date plus time stamp, and the description of the event. The first letter "K", "H" or "U" indicates whether the message is coming from the KVM server, the HTTP server, or the USB server.

Video Capture
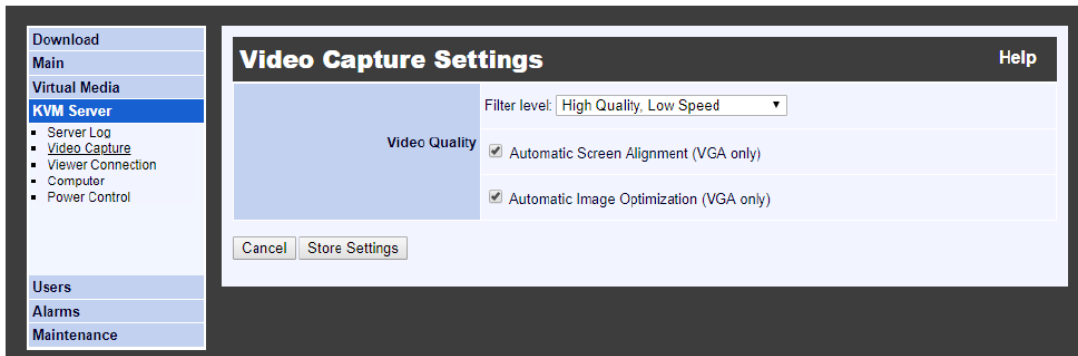
Please note that the digital video capture is always set to optimal quality and speed. This page is not relevant for digital video signals. If the video is VGA, this page is the place where you can set up the level of quality and speed of the video capture.

These settings can be used to balance the Video Quality against the Data Volume. Higher video quality will generate larger data volume which will slow down the video transmission, especially across slow Internet connections. Try to find a tradeoff between quality and speed.

Viewer Connection
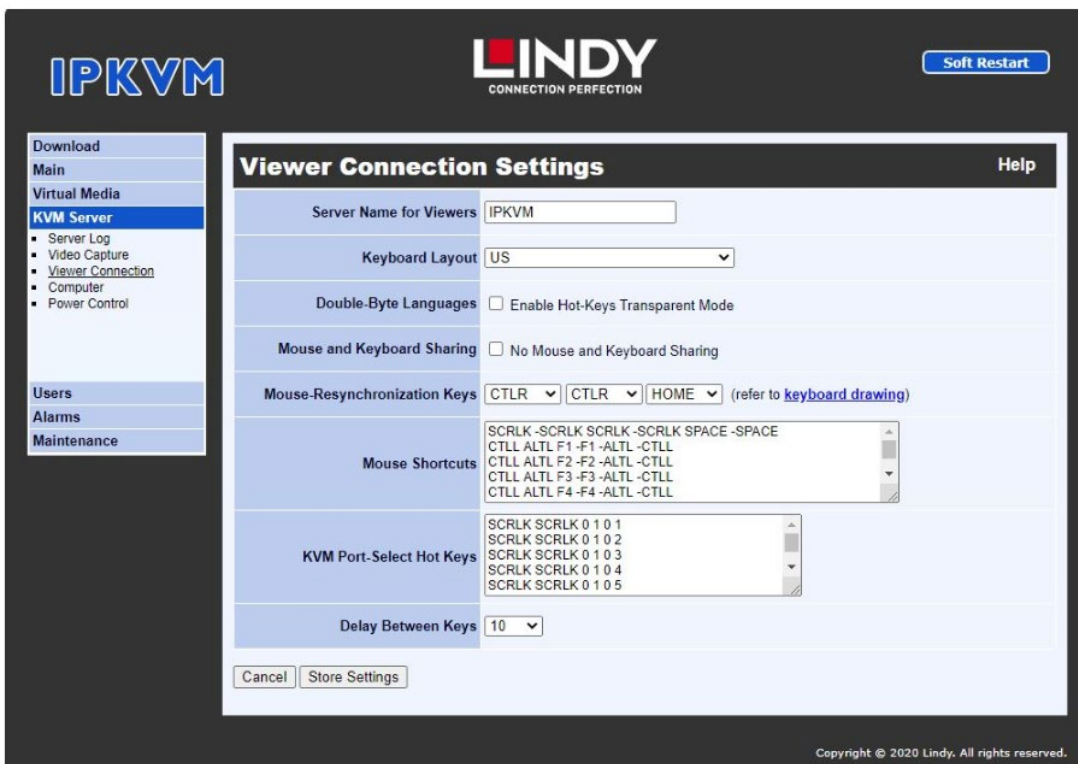
This page allows adjustment of settings related to the viewer usage:

- IPKVM name as it is displayed on the title bar of the viewer window

- Keyboard layout that should be consistent with the keyboard you use on your computer and that is setup in the attached computer

- Mouse re-synchronization hot keys

- Mouse shortcuts

- Special feature for anyone who uses a double-byte language such as Chinese, Japanese or Korean (the CJK languages) and some other languages

- If the unit is connected to a KVM, you can also setup the KVM hotkeys that will allow selecting the active port in a mouse click.

Computer

In this page you can provide some information concerning the attached computer:

- Computer Name

- Type of Operating System

- Digital or Analog Video Type

- Computer Attachment USB or PS/2*

- USB Mouse Relative or Absolute

*Please Note: PS/2 interface do not support hot-plug, when connecting a PS/2 computer select *PS/2 Computer Attachment*, click on *Store Settings* and then on *Soft Restart*. In the end connect the PS/2 cable included and power on the computer.

Power Control
For future use.

Users
Local Database
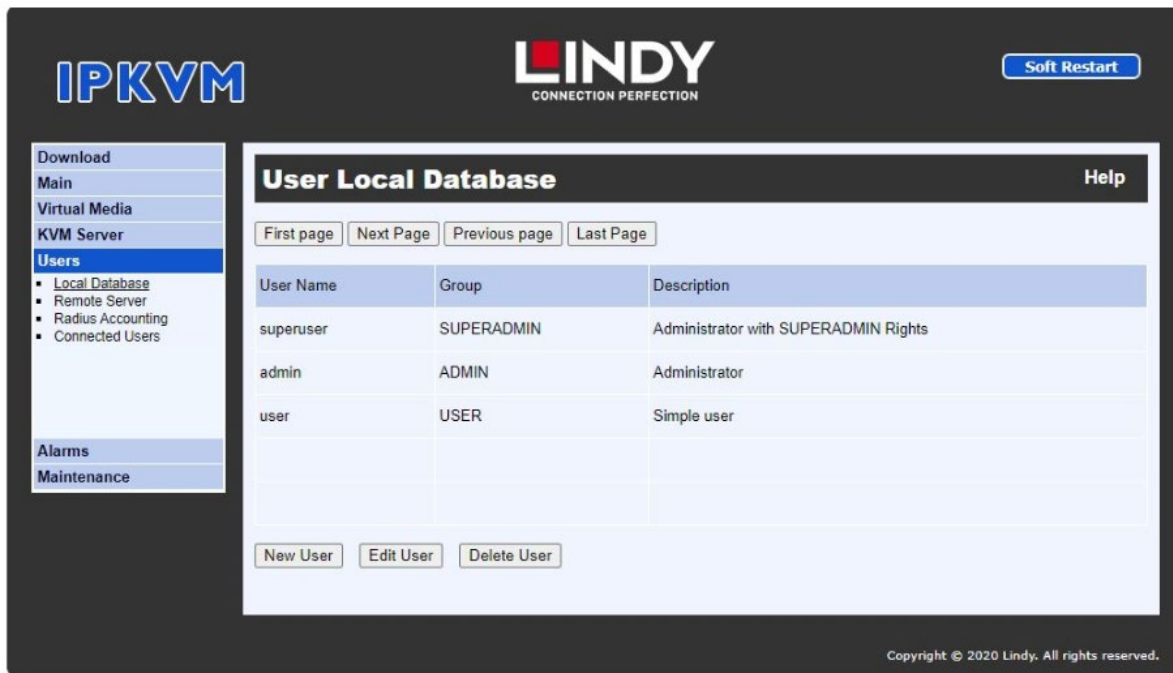
In this page you can list, edit, add, or remove user accounts that can access the product. These users are stored in the local database of the unit, they need no external access to an authentication server. In case of conflict, the information in the local database has higher priority than the information provided by the possible authentication server.

IMPORTANT: Change the super user password immediately after you have installed your KVM IP Access. Failing to change the password for the super user is a severe security risk and could result in unauthorized access to the unit and to the host system. Please also make sure to store your new password in a secure place where can always be recited when required!

Remote Server

In this page you will enable or disable the usage of a centralized server running a Radius service or hosting a directory that can be accessed through the LDAP protocol (Active Directory for example). This server can be interrogated each time a user tries to connect to the unit. Its responses grant or reject the connection attempts. This feature allows integrating the KVM IP Access into a more global enterprise management of users. By default, the Remote Authentication is configured as None, i.e., all remote authentications are disabled. In this case, the authentication is all done locally by using the User database.

Radius Accounting

The Radius Accounting allows the unit to record all user connection and disconnection events on a remote Radius Accounting server. The Radius Accounting is not related to the RADIUS or LDAP server features that can be used to authenticate users.

By default, the RADIUS Accounting is disabled.

Connected Users

This page shows a list of all users that are connected with a viewer to the computer.

Note: This list of connected users is not generated when the password policy is **No Password** or **Global Password** since by adopting these policies you imply that the distinction of user identities is not necessary. Please refer to the **Security** page for more information about password policies.

Alarms

Emails: Settings to send out Email alarm notifications.

SNMP: Settings concerning the SNMP manager that will get the SNMP traps sent by the unit.
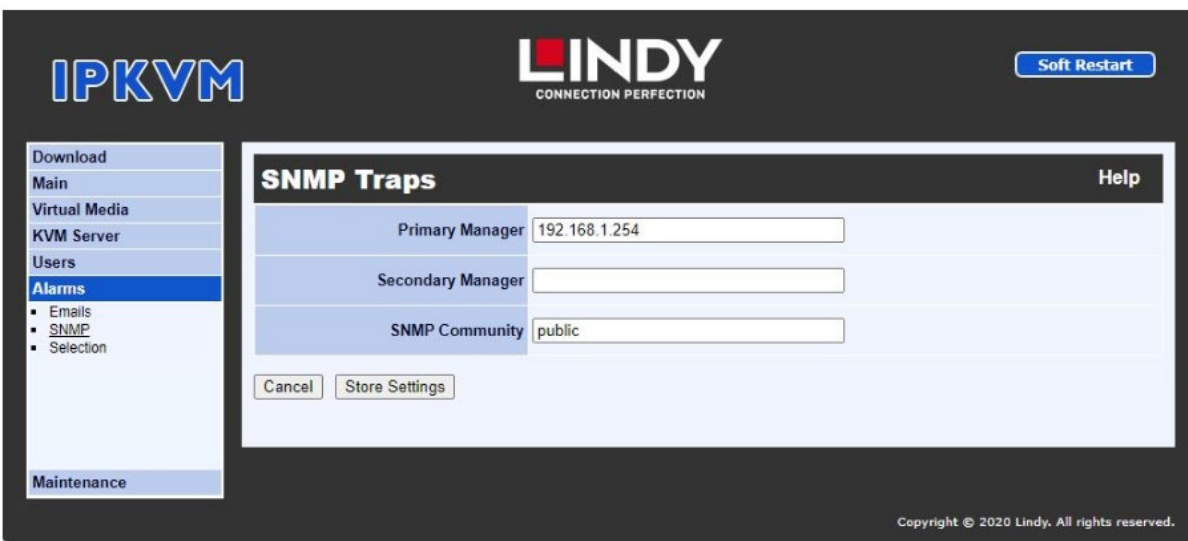
Selection: Select which events will generate an alarm and the type of alarm that must be sent.
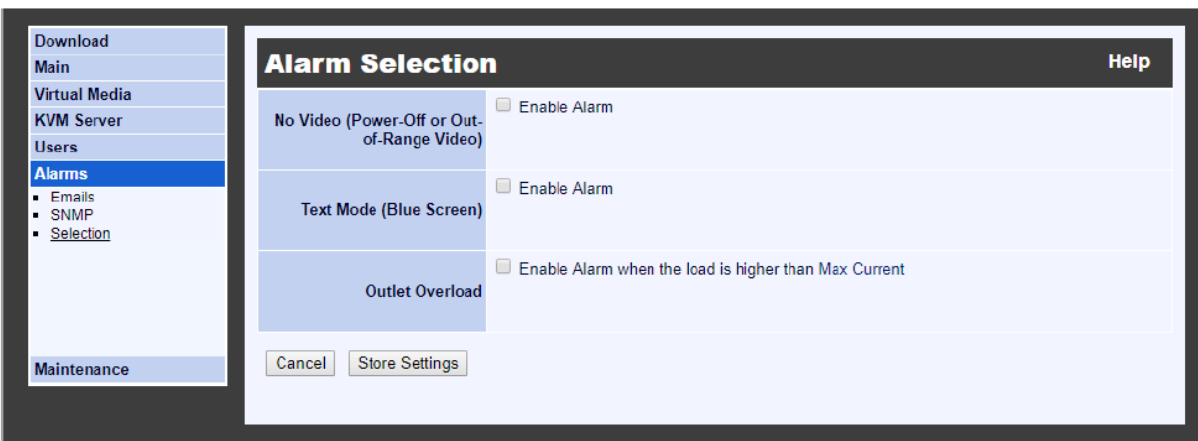
Maintenance

Software Versions: Basic information on the software.

Networking Status: View current Ethernet and Wireless networking information.

Software Upgrade: Upgrade the software from this page across the LAN or the Internet (if available).

Save/Restore Settings: Save the current configuration for future usage or upload a previously saved configuration file.

Reboot: This page allows restarting the unit from the boot loader.
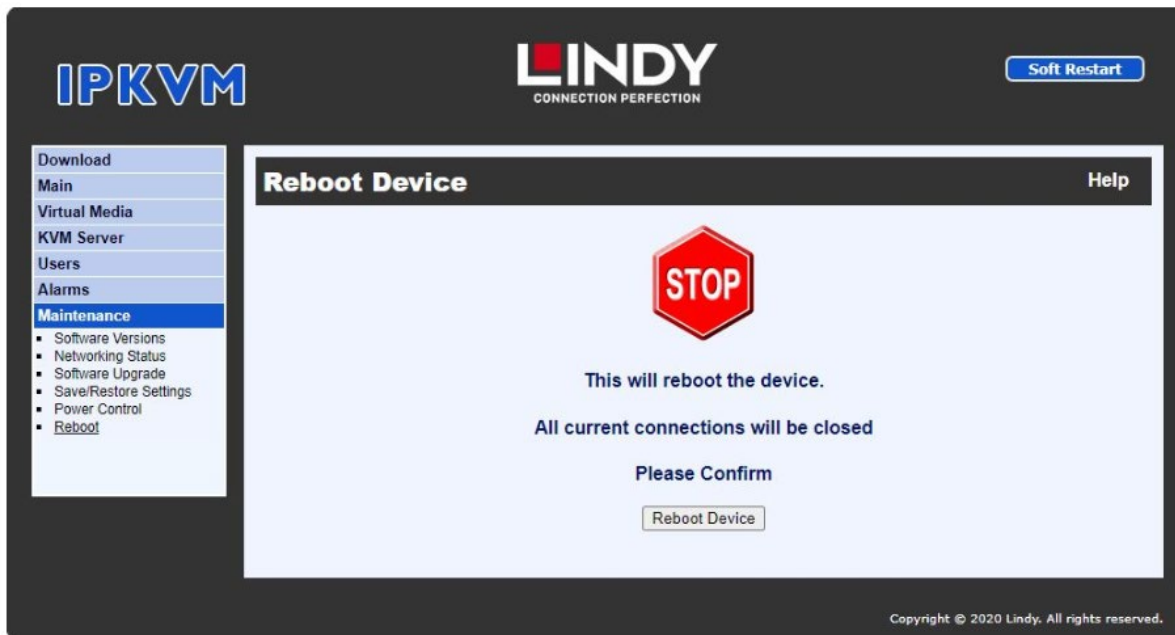
Viewer Configuration

Viewer for Windows

Download and install the viewer by following the on-screen instruction.
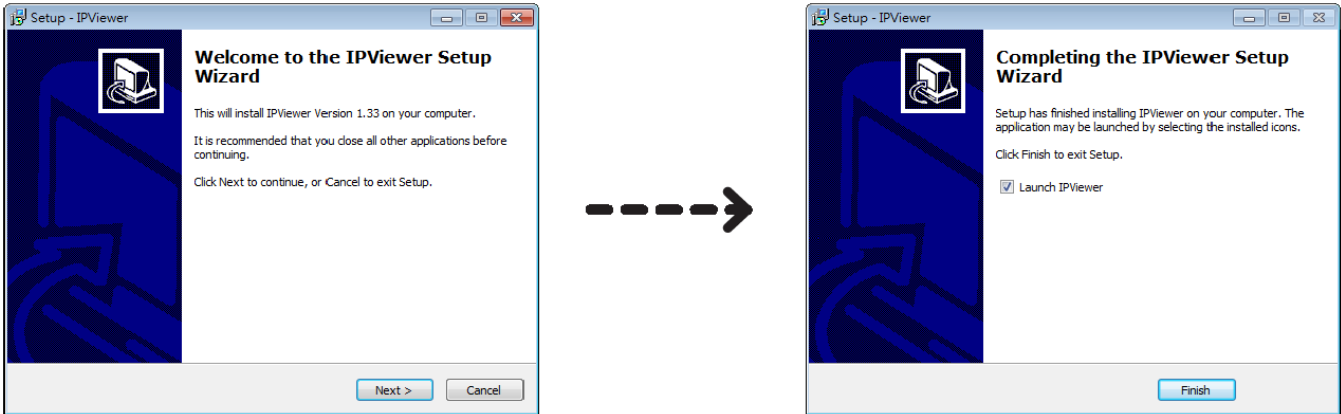
Click the viewer link icon ▪ to launch the Windows viewer. If insufficient rights are granted to the viewer, the User Access Control will pop up for authorization.
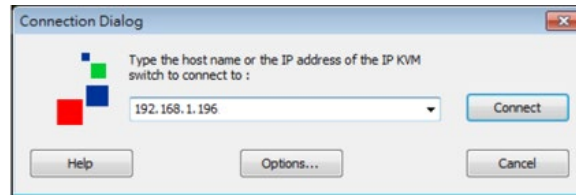
In the **Connection Dialog**, type the network information to access the unit, then click **Connect**. If the unit is found, the viewer will come back and ask for User Authentication. Type the User ID, Password and then click **OK** to access. By default, the user ID is **superuser** and the password is **superu**.
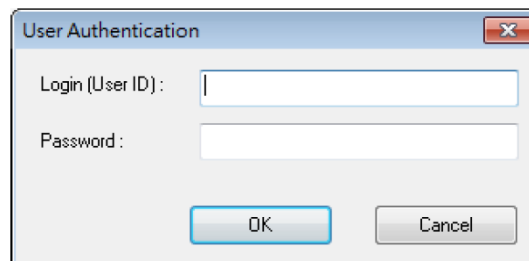
Viewer for Java

This viewer can be used on any system that supports the latest version of Java. If you continuously use the current system to access through Java, recommend the jar file be save at a convenient location. Run or double click the jar file and it will pop up the **Connection Dialog** similar to the Windows' viewer. If the system doesn't associate the Java virtual machine to the .jar file, open a text console and type "java -jar mkview-dist.jar".
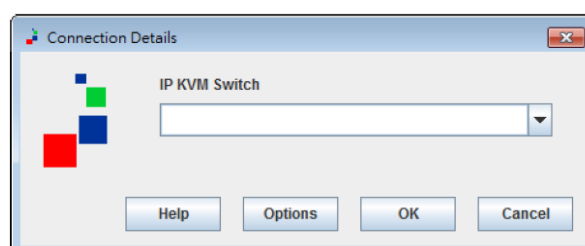
Connection Dialog

Compression
Specify the compression type that will be used to transmit the video from the unit to viewer. The compressions are listed from the lowest to the highest data volume. Note that high compressions need more work and thus longer KVM over IP and viewer processing times. High compressions are efficient when the network bandwidth is low. Note that all compressions are with NO loss.
The volume of data depends on the video type. It is lower with digital than with analog video. With analog video, it depends on the video quality setting (refer to **Video Capture** section).
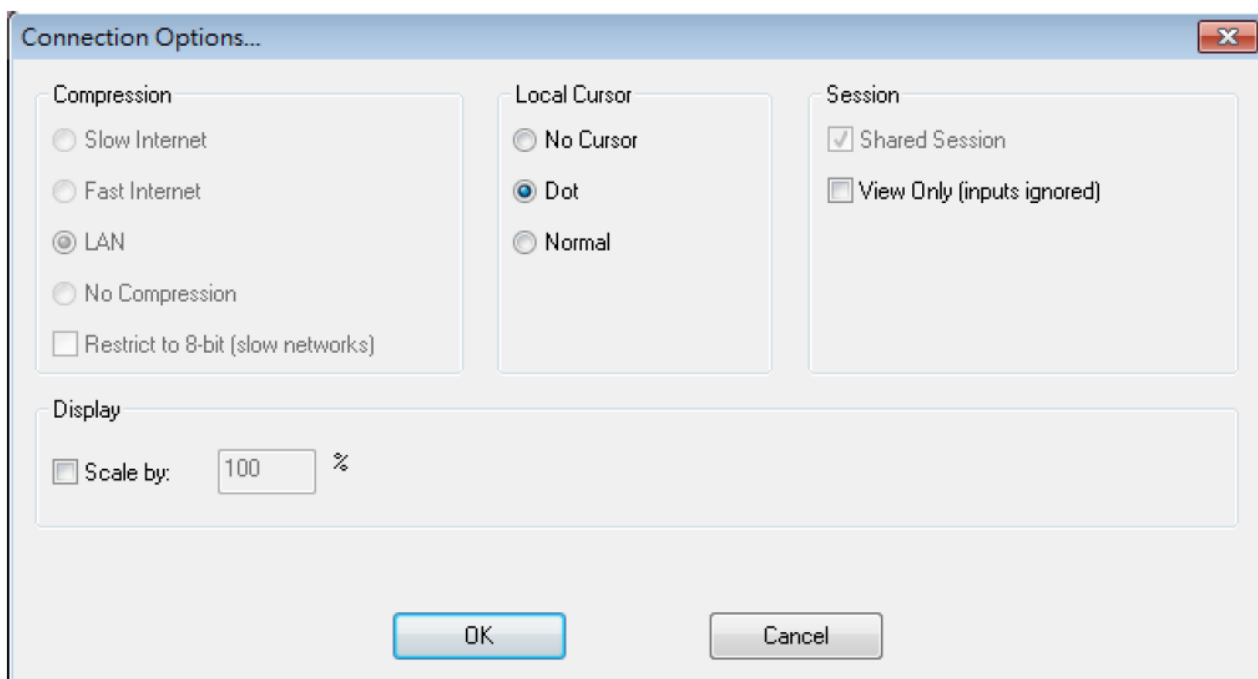
Slow Internet: Video compression optimized for Internet bandwidth lower than 2Mbps.
Fast Internet: Video compression optimized for High Speed Internet.
LAN: Video compression optimized for 100BaseT. Note that the unit rarely use more than 10Mbps.
No Compression: This option is only useful for testing purposes. It does not provide better performance than the LAN option. Note that "No Compression" means that a second level of data compression is not applied.
Restrict to 8-bit: In worst cases, when the available bandwidth is below 1Mbps or even 500 Kbps, do not hesitate to check this box to limit the color depth of the video to 8 bits. Most often is possible to work with an 8-bit color video.

Local Cursor
There are two cursors when accessing a remote system with a viewer, the local cursor and the remote cursor. Normally, except during movements, the two cursors should be superimposed. Refer to the description below if there are some troubles on the cursor.
No Cursor: Due to personal preference, some may find confusing having two mouse cursors.
Dot: Having a dot as local cursor can help identifying which cursor is local and which one is remote.
Normal: Having a big local cursor accelerates the mouse utilization. The reason is that you can click on an element in the screen without worrying whether the remote cursor has already reached this element or not. Only the local cursor is relevant. This option is recommended.

Session

A user session can be shared or private. If the connection is shared, other users can connect simultaneously. They will see the same video as main user and compete for mouse and keyboard access. If the connection is not shared (private), other users cannot get access to the computer as long as main user don't close the session. Note that by clicking on **Software Restart** in the **Web Management**, a user with "superuser" privileges can kick off any user that does not want, or that forgot to close his session. All viewer connections are immediately closed.

Concerning the keyboard and mouse, the behavior will depend on the **View Only** option. When this box is checked, user can only see the computer video. The keyboard and mouse have no action.

Shared Session: Authorize other users to simultaneously connect. This is the recommended mode. If you forget closing your session, other users will not be penalized. Don't rely too much on the pseudo security provided by private sessions. Anybody close to the computer can see what you do with a local monitor and you will have no knowledge of this.

View Only: Use this option to survey without interfering.

Display

Scale by: Shrink or magnify the video display to the non-full screen local display window.

Title Bar

The viewer title bar provides some basic information about the connection:

IPKVM - Port #1 - 43 ms - 0 ms - shared - 256-bit encryption

Actions   Settings   Information   Virtual Medium   Help
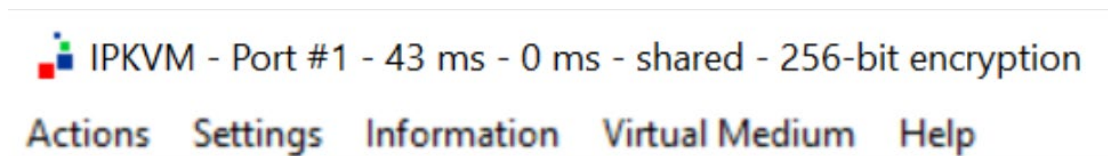
IPKVM: name given to the current video server
Port #1: name given to the connected computer
43 ms: time to capture the image
0 ms: time to transmit the video refresh
shared: user session mode
256-bit encryption: encryption mode

The same information can be found in the applet under the **Information** Menu --> **Connection Information**

Viewer Performance

The image quality depends on the global bandwidth of the network. If the bandwidth is too small, choose the appropriate compression mode in the viewer connection options (Slow Internet) and if not enough, use 7-bit video depth. With the maximum compression and 7-bit video quality, it is possible to work with bandwidths as low as 100 Kbps.

Menu Bar

The menu bar can be hidden in Windows viewer. To get the menu bar back in a full screen or disable menu bar mode, place the mouse on viewer windows top title bar, right click on the menu and then click on **Show Menu Bar**.

Actions

Select Computer: Relevant when the IPKVM is managing a KVM and the KVM command have been set up in the **Web Management** (refer to the **Viewer Connection** section).

Send Shortcut: Provides the list of mouse shortcuts previously defined in the **Web** (refer to the **Viewer Connection** section). Click on one of the shortcuts to send the command to the attached computer.

Refresh Screen: Forces total update of the viewer screen.

Send Ctrl-Alt-Del: Fixed shortcut to let the IPKVM send Control-Alt-Delete command to the attached computer. This sequence cannot be sent by normal strikes on the keyboard because it is captured by the Windows operating system.

Power off Current Computer: Not active.

Power on Current Computer: Not active.

New Connection (Windows viewer only): Open another **Connection Dialog** to login to other remote server.

Disconnect: Release access to the remote system. It will automatically close the viewer application.

Settings
Connection Options: Opens the Connection Options dialog box allowing to change some options such as Scaling Factor, etc. Some options can only be set up at connection time.

Adjust Screen: Change the window centering (VGA only) and adjust the brightness and contrast. Note that with digital video signals, the screen is always perfectly centered.

Full Display (Windows viewer only): Hides all menu bars of the viewer to give the maximum space to the display of the remote screen. It opens a small floating box with a single button **Quit Full Screen**. Click this button to come back to normal display.

Show Menu Bar (Windows viewer only): Enable or disable the menu bar. To get the menu bar back, right click on the viewer top title bar and select **Show Menu Bar** in the menu.

Save Settings / Store Connection Options: Store User ID/Password and connection options.

Device Management (Windows viewer only): Link to the Web Management.

Information
Displays information concerning the IPKVM, video type, the capturing and transmitting times, and the connection options.
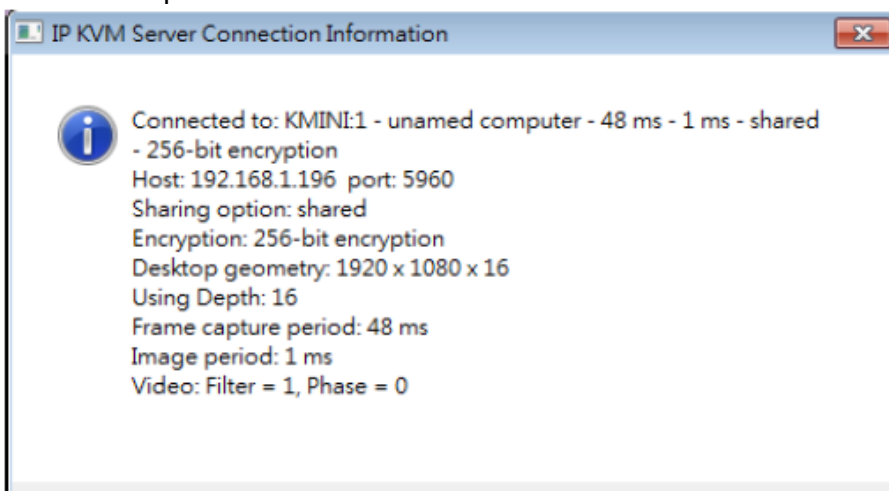
Virtual Medium

Manage Virtual Medium/ Drive Redirection: Opens the Virtual Medium dialog box. Select the Hard Disk, DVD/CDROM drive or ISO file and click **Connect**. See details below.

Status: Show current Virtual Media connection status.

Hard Disk or CD ROM Drive (Windows viewer only): Redirect and map a local drive onto the attached computer. Check **Enable Write Accesses** if you want to allow the computer to write on the Virtual Media.

ISO Image File: File in ISO format that can be mapped onto the attached computer. This file will appear as a removable mass storage device.

Disconnect Button: Release the Virtual Media connection and mapping.

Connect: Click to establish the Virtual Media connection and mapping (time to link the file depends on its size).

Close: Close the dialog box (closing the dialog box does not release the mapping of the Virtual Medium).

Resolution Configuration

There are several aspects that have to be taken into consideration when configuring your computer/server for the best video performance:

- Choose a standard resolution supported by the IPKVM.

- Turn off special transition effects on your operating system such as fade.

- Leave enough bandwidth on the network for the IPKVM to operate.

IPKVM supports the following video resolutions:

Resolution	Refresh rates (HZ)
640x480	60
720x480	60
800X600	60
1024X768	60
1152X864	60
1280X720	50/59/60
1280X768	60
1280X800	60
1280X960	60
1280X1024	60
1440X1050	60
1600X1200	60
1920X1080	50/59/60
1920X1200	60
2048x1152	60

Video problems

Make sure the video sent by the computer corresponds to one of the resolutions supported by the IPKVM (refer to the **Resolution Configuration** section). Check the video resolution detected by the unit in the **KVM Server Log**.

If the computer is sending VGA video signal, check whether the remote screen is well centered in the viewer window, without black borders. If not, use the viewer screen adjustment to remove the black borders. Note that the centering can be automatic.

Mouse problems

If the mouse is set to **Relative** in computer settings (refer to **KVM Server/Computer** section):
Make sure to turn off the mouse acceleration on the connected computer. If the acceleration is not removed, the remote and local cursor cannot be synchronized.
This is possible under most of Windows and Linux operating systems, unfortunately Mac OS X do not allow removing mouse acceleration feature.

Please Note: there isn't any mouse loss of synchronization using digital video signals and when the IPKVM mouse is setted to **Absolute**.

Recycling Information

WEEE (Waste of Electrical and Electronic Equipment), Recycling of Electronic Products

Europe, United Kingdom

In 2006 the European Union introduced regulations (WEEE) for the collection and recycling of all waste electrical and electronic equipment. It is no longer allowable to simply throw away electrical and electronic equipment. Instead, these products must enter the recycling process. Each individual EU member state, as well as the UK, has implemented the WEEE regulations into national law in slightly different ways. Please follow your national law when you want to dispose of any electrical or electronic products. More details can be obtained from your national WEEE recycling agency.

Germany / Deutschland   Elektro- und Elektronikgeräte

Informationen für private Haushalte sowie gewerbliche Endverbraucher

Hersteller-Informationen gemäß § 18 Abs. 4 ElektroG (Deutschland)

Das Elektro- und Elektronikgerätegesetz (ElektroG) enthält eine Vielzahl von Anforderungen an den Umgang mit Elektro- und Elektronikgeräten. Die wichtigsten sind hier zusammengestellt.

1.   Bedeutung des Symbols „durchgestrichene Mülltonne"

Das auf Elektro- und Elektronikgeräten regelmäßig abgebildete Symbol einer durchgestrichenen Mülltonne weist darauf hin, dass das jeweilige Gerät am Ende seiner Lebensdauer getrennt vom unsortierten Siedlungsabfall zu erfassen ist.

2.   Getrennte Erfassung von Altgeräten

Elektro- und Elektronikgeräte, die zu Abfall geworden sind, werden als Altgeräte bezeichnet. Besitzer von Altgeräten haben diese einer vom unsortierten Siedlungsabfall getrennten Erfassung zuzuführen. Altgeräte gehören insbesondere nicht in den Hausmüll, sondern in spezielle Sammel- und Rückgabesysteme.

3.   Batterien und Akkus sowie Lampen

Besitzer von Altgeräten haben Altbatterien und Altakkumulatoren, die nicht vom Altgerät umschlossen sind, sowie Lampen, die zerstörungsfrei aus dem Altgerät entnommen werden können, im Regelfall vor der Abgabe an einer Erfassungsstelle vom Altgerät zu trennen. Dies gilt nicht, soweit Altgeräte einer Vorbereitung zur Wiederverwendung unter Beteiligung eines öffentlich-rechtlichen Entsorgungsträgers zugeführt werden.

4.   Möglichkeiten der Rückgabe von Altgeräten

Besitzer von Altgeräten aus privaten Haushalten können diese bei den Sammelstellen der öffentlich-rechtlichen Entsorgungsträger oder bei den von Herstellern oder Vertreibern im Sinne des ElektroG eingerichteten Rücknahmestellen unentgeltlich abgeben.

Rücknahmepflichtig sind Geschäfte mit einer Verkaufsfläche von mindestens 400 m² für Elektro- und Elektronikgeräte sowie diejenigen Lebensmittelgeschäfte mit einer Gesamtverkaufsfläche von mindestens 800 m², die mehrmals pro Jahr oder dauerhaft Elektro- und Elektronikgeräte anbieten und auf dem Markt bereitstellen. Dies gilt auch bei Vertrieb unter Verwendung von Fernkommunikationsmitteln, wenn die Lager- und Versandflächen für Elektro- und Elektronikgeräte mindestens 400 m² betragen oder die gesamten Lager- und Versandflächen mindestens 800m² betragen. Vertreiber haben die Rücknahme grundsätzlich durch geeignete Rückgabemöglichkeiten in zumutbarer Entfernung zum jeweiligen Endnutzer zu gewährleisten.

Die Möglichkeit der unentgeltlichen Rückgabe eines Altgerätes besteht bei rücknahmepflichtigen Vertreibern unter anderem dann, wenn ein neues gleichartiges Gerät, das im Wesentlichen die gleichen Funktionen erfüllt, an einen Endnutzer abgegeben wird. Wenn ein neues Gerät an einen privaten Haushalt ausgeliefert wird, kann das gleichartige Altgerät auch dort zur unentgeltlichen Abholung übergeben werden; dies gilt bei einem Vertrieb unter Verwendung von Fernkommunikationsmitteln für Geräte der Kategorien 1, 2 oder 4 gemäß § 2 Abs. 1 ElektroG, nämlich „Wärmeüberträger", „Bildschirmgeräte" oder „Großgeräte" (letztere mit mindestens einer äußeren Abmessung über 50 Zentimeter). Zu einer entsprechenden Rückgabe-Absicht werden Endnutzer beim Abschluss eines Kaufvertrages befragt. Außerdem besteht die Möglichkeit der unentgeltlichen Rückgabe bei Sammelstellen der Vertreiber unabhängig vom Kauf eines neuen Gerätes für solche Altgeräte, die in keiner äußeren Abmessung größer als 25 Zentimeter sind, und zwar beschränkt auf drei Altgeräte pro Geräteart.

Recycling Information

5.   Datenschutz-Hinweis

Altgeräte enthalten häufig sensible personenbezogene Daten. Dies gilt insbesondere für Geräte der Informations- und Telekommunikationstechnik wie Computer und Smartphones. Bitte beachten Sie in Ihrem eigenen Interesse, dass für die Löschung der Daten auf den zu entsorgenden Altgeräten jeder Endnutzer selbst verantwortlich ist.

France

En 2006, l'union Européenne a introduit la nouvelle réglementation (DEEE) pour le recyclage de tout équipement électrique et électronique. Chaque Etat membre de l'Union Européenne a mis en application la nouvelle réglementation DEEE de manières légèrement différentes. Veuillez suivre le décret d'application correspondant à l'élimination des déchets électriques ou électroniques de votre pays.

Italy

Nel 2006 l'unione europea ha introdotto regolamentazioni (WEEE) per la raccolta e il riciclo di apparecchi elettrici ed elettronici. Non è più consentito semplicemente gettare queste apparecchiature, devono essere riciclate. Ogni stato membro dell'EU ha tramutato le direttive WEEE in leggi statali in varie misure. Fare riferimento alle leggi del proprio Stato quando si dispone di un apparecchio elettrico o elettronico. Per ulteriori dettagli fare riferimento alla direttiva WEEE sul riciclaggio del proprio Stato.

España

En 2006, la Unión Europea introdujo regulaciones (WEEE) para la recolección y reciclaje de todos los residuos de aparatos eléctricos y electrónicos. Ya no está permitido simplemente tirar los equipos eléctricos y electrónicos. En cambio, estos productos deben entrar en el proceso de reciclaje. Cada estado miembro de la UE ha implementado las regulaciones de WEEE en la legislación nacional de manera ligeramente diferente. Por favor, siga su legislación nacional cuando desee deshacerse de cualquier producto eléctrico o electrónico. Se pueden obtener más detalles en su agencia nacional de reciclaje de WEEE.

CE/FCC Statement

CE Certification
LINDY declares that this equipment complies with relevant European CE requirements.

CE Konformitätserklärung
LINDY erklärt, dass dieses Equipment den europäischen CE-Anforderungen entspricht

UKCA Certification
LINDY declares that this equipment complies with relevant UKCA requirements.

FCC Certification
This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation.

You are cautioned that changes or modification not expressly approved by the party responsible for compliance could void your authority to operate the equipment.

This device complies with part 15 of the FCC Rules.

Operation is subject to the following two conditions:

1. This device may not cause harmful interference, and
2. This device must accept any interference received, including interference that may cause undesired operation.

The enclosed power supply has passed Safety test requirements, conforming to the US American versions of the international Standard IEC 60950-1 or 60065 or 62368-1.

LINDY Herstellergarantie – Hinweis für Kunden in Deutschland

LINDY gewährt für dieses Produkt über die gesetzliche Regelung in Deutschland hinaus eine zweijährige Herstellergarantie ab Kaufdatum. Die detaillierten Bedingungen dieser Garantie finden Sie auf der LINDY Website aufgelistet bei den AGBs.

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For home and office use.