

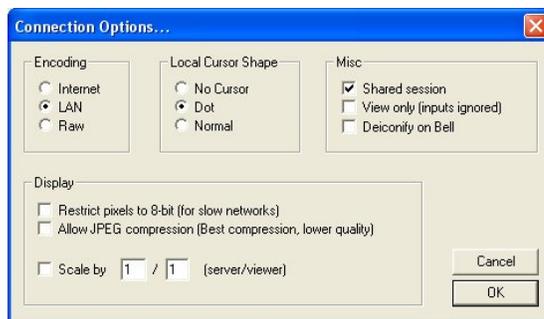
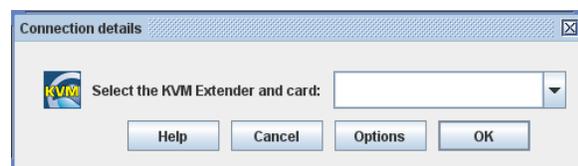
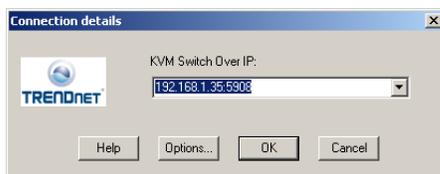
# TK-IP101 Viewer Connection Utility

## Specify the Viewer Connection Option before Making a Connection

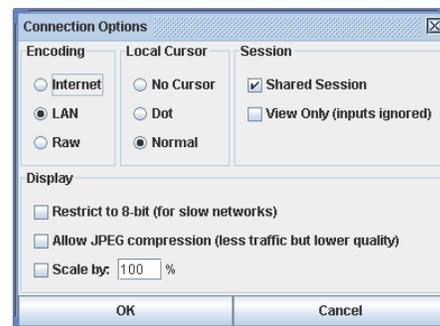
The viewer connection option interface provides you with several alternative options to use in combination for optimization of your viewer connection.

### Connection details box

Click the *Options* button on the *Connection Details* dialog box.



Win32 Viewer



Java Viewer

## Setting connection options

### Encoding

*Internet*: Video quality is optimized for viewer connection across internet

*LAN*: High Video Quality for viewer connection over LAN

*Raw*: Best Video Quality with no compression

### Local Cursor Shape

*No cursor*: local cursor invisible on IP Viewer.

*Dot*: dot shape for local cursor on IP Viewer.

*Normal*: arrow shape for local cursor on IP Viewer.

### Misc

*Shared Session*: multiple users access same server desktop

*View Only (inputs ignored)*: Keyboard and mouse inputs are ignored (not restricting keyboard and mouse access on other users).

## Display

*Restrict pixels to 8-bit (for slow networks):* color reduction to 256 colors for slow connection

*Allow JPEG compression (Best compression, lower quality):* JPEG compression for slow connection.

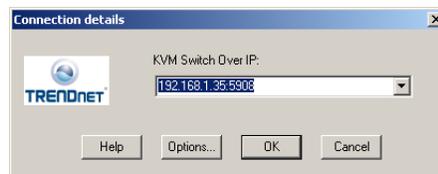
*Scale x/y (server/viewer):* Scale the display output on viewer (not affecting the actual transmission bandwidth)

# Establish the viewer connection

## Using Win32 IP Viewer for Connection

First, run the viewer program, enter the access IP and port number for TK-IP101.

Default IP address: 192.168.1.200



Login dialog box (Win32 Viewer)

At the password or private path phrase prompt, just enter the user name and password as required:

### **Default user & specific password:**

**User: superuser**

**Password: superu**

*Or, if you are using the Global Password policy setting ...*

**Default global password: 123456**

*Or, if you are using the Level 3 security setting that requires installation of certificates for PKI authentication (For details, please refer to section 3.3, Import certificates to IP Viewer on the client Computer, and Section 4.15, Security –Certificates Installation, Viewer Encryption and Password Policies.)*

**Default private path phrase: clientpwd**

After you have entered either the global password, user name and password, or private path phrase as its security and password policy require, a viewer connection will be established successfully.

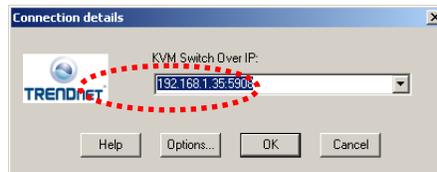


## Some Tips about Viewer Connection



If you want to specify the type of your viewer connection rather than using the default one, you can click the *Options* button and optimize your connection parameters. Please refer to previous section for details.

Note that you can simply type in the access IP of **TK-IP101** server without specifying its port number only when the port number is default to 5900



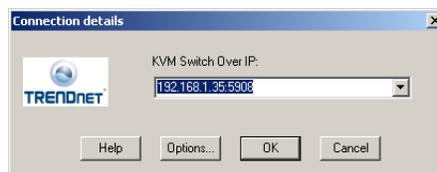
IP\_address [only if port number is default to 5900]  
192.168.1.200

Of course, you can always type

IP\_address:port\_number  
192.168.1.200:5900

However, if the port setting on TK-IP101 is already changed to other port number, you have to specify its specific port number following the IP address. For example, if you want to connect to port 5910 on the **TK-IP101** server, type, for example:

192.168.1.8:5910



To configure the port base number, please refer to *Section, 4.11., LAN TCP/IP - Port and IP Settings.*

# MAKING A VIEWER CONNECTION

The TK-IP101 provides a win32 viewer for Windows clients and a Java viewer for cross-platform on any major operating systems.

## Install Win32 Viewer on the Client Computer

Go to the *Download* page to download the Win32 viewer, *winview\_install.exe*. Install the viewer program on the client computer that will connect to TK-IP101. After installation, a desktop icon will be created on your client desktop.



## Install Java Viewer on the client computer

Before you can use the java viewer, *Kviewer.jar*, on any OS platform, you should first install the Java Runtime Environment, JRE 1.5.0 or higher, which is downloadable from <http://www.java.com>.

To download Java Viewer, just go to the Download page of the Web Management interface.



After all, to run the small java program, you don't have to actually save the *Kviewer.jar* to your local hard disk, since it is small (only 70 KB), you can choose to open it directly while download is completed

## Configure port base setting for TK-IP101



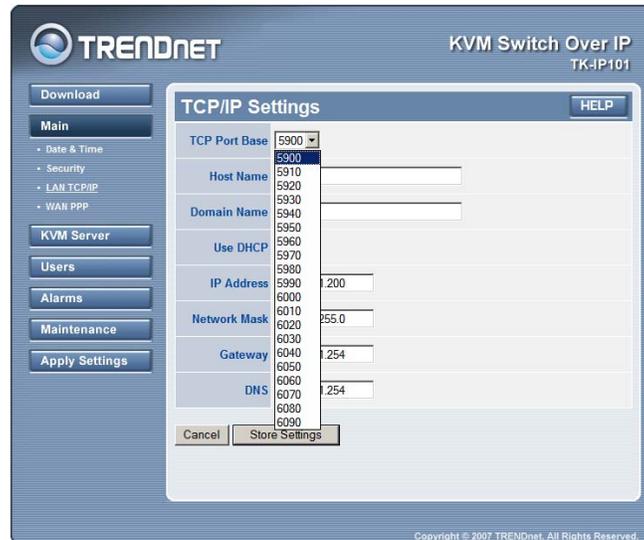
If you are satisfied with the default port base setting as 5900, you can skip this section.

The default port base for **TK-IP101** connection is set at 5900. This means it will use port 5900 (port base) for viewer connection and port 5908 (port base + 8) for https web browser connection.

**<Port base> – used for viewer connection**

**<Port base + 8> – used for secure browser connection**

However, if you intend to use your own port base setting, just access the Web Management interface and configure the port base as follows:



For example, if you choose 5970 as your port base, then you have:

5970 – used for viewer connection

5978 – used for secure browser connection

