



Quick Installation Guide



TK-IP101

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1. Before You Start



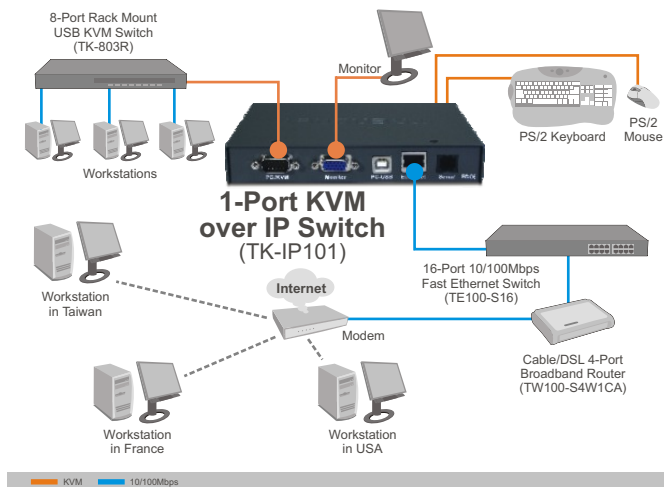
Package Contents

- TK-IP101
- Quick Installation Guide
- Utility CD-ROM
- 1 Set of 3-in-one KVM cables
- RJ-12 to RS-232 (Female) Serial Cable (Console Management)
- RJ-12 to RS-232 (Male) Serial Cable (Power Control Cable)
- RJ-12 to DB-25 Modem Serial Cable
- Type A to Type B USB Cable
- AC Power Adapter (9V DC, 2A)
- Power Cord

System Requirements

- PS/2 Keyboard
- PS/2 Mouse
- VGA or SVGA Compatible Monitor
- RJ-45 network cable
- Windows 98SE/ME/2000/XP/2003 Server/Vista, Linux, and Mac OS.
- Internet Explorer 5.5 or above
- Java 1.2 or above
- KVM switch (e.g. TK-200K, TK-204K, TK-205K, TK-207K, TK-209K, TK-210K, TK-400K, TK-401R, TK-403R, TK-407K, TK-409K, TK-801R, TK-802R, TK-803R, TK-1601R, TK-1602R, TK-1603R) (Optional)

Application



2. How to Install

Connecting a Single Computer

1. Turn off your computer and disconnect all power cords.

2. Connect the shared keyboard and mouse to the **keyboard** and **mouse** port.



3. Connect the shared monitor to the **Monitor** port.



4. Use the provided KVM cables to connect your Computer to the **PC/KVM** port on the TK-IP101.



To TK-IP101

To Computer

5. Connect an Ethernet cable from the **Ethernet** port on the TK-IP101 to the Ethernet port on your switch/router.



6. Plug the power adapter into the TK-IP101.



7. Turn **ON** your computer and wait until startup completes.

Connecting Multiple Computers

1. Turn off your computer and disconnect all power cords.

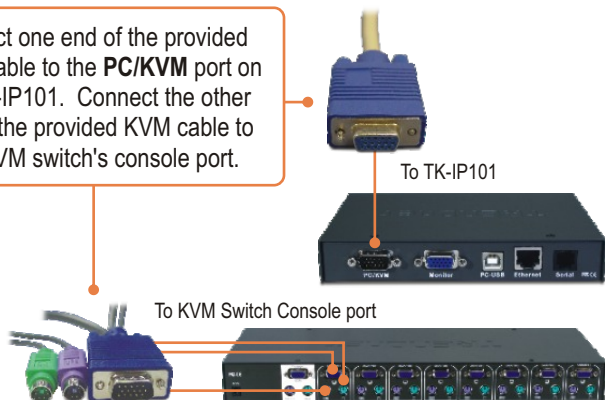
2. Connect the shared keyboard and mouse to the **keyboard** and **mouse** port.



3. Connect the shared monitor to the **Monitor** port.



4. Connect one end of the provided KVM cable to the **PC/KVM** port on the TK-IP101. Connect the other end of the provided KVM cable to your KVM switch's console port.



5. Connect an Ethernet cable from the **Ethernet** port on the TK-IP101 to the Ethernet port on your switch/router.



6. Plug the power adapter into the TK-IP101.



7. Refer to your KVM switch's quick installation guide for connecting your computer to the KVM switch.

Your installation is now complete.

Register Your Product

To ensure the highest level of customer service and support, please take a moment to register your product Online at: www.trendnet.com/register

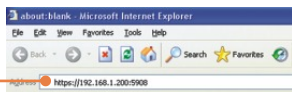
Thank you for choosing TRENDnet

3. Configure the TK-IP101

Note:

1. It is recommended that you configure the TK-IP101 by connecting it directly to your computer using an Ethernet cable. Before the TK-IP101 can be configured, a static IP address must be assigned to your computer's network adapter in the subnet of 192.168.1.x. Since the TK-IP101's default IP address is 192.168.1.200, make sure no other network devices are assigned an IP address of 192.168.1.200. (Refer to Troubleshooting section on how to configure TCP/IP settings on your PC.)
2. The default port base is 5900. The port base is used for viewing through the IPViewer. The port base + 8 (5908) is used to access the browser configuration of the TK-IP101. Please refer to the User Guide on the Utility CD-ROM for more information.

1. Open your web browser, type <https://192.168.1.200:5908> in the Address bar, and then press **Enter**.



2. Click **Yes**.



3. Enter the User name and Password, and then click **Log in**.
By default:
User Name: **superuser**
Password: **superu**



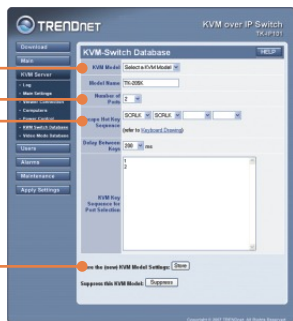
4. Click **Main** and then click **LAN TCP/IP**. Configure the settings to be in the same subnet as your network. Then click **Store Settings**.



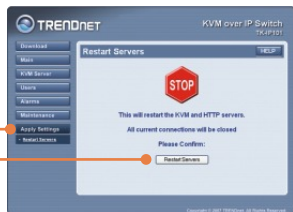
5. Click **KVM Server > Main Settings**. If you have a TRENDnet KVM switch connected to the TK-IP101, select the **Model** from the drop down list, select the number of computers and then click **Store Settings**.



6. Click **KVM Server > KVM Switch Database**. Select the fixed part of your KVM switch's hot key under escape hot key sequence. For example, if the Hot Key Sequence of your KVM switch is **Scroll-Lock Scroll-Lock + [Port Number]**, then select **SCRLK** for the first two dropdown menus. Then click **Store**.



7. Click **Apply Settings**, and then click **Restart Servers** to save all settings.



Viewing Locally

Windows

1. Follow step 1, 2, and 3 in section 3 to log on to the browser configuration.

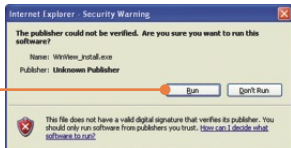
2. Click **Download** and then **Viewers**. Then click **Download**.



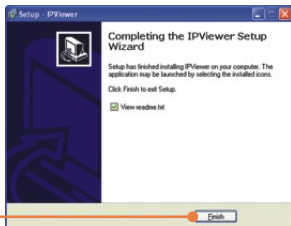
3. Click **Run**.



4. Click **Run**.



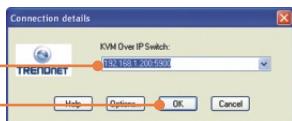
5. Follow the **IPViewer Setup Wizard** instructions and then click **Finish**.



6. Double click the **IPViewer** icon.



7. Type in 192.168.1.200:5900 and click **OK**.



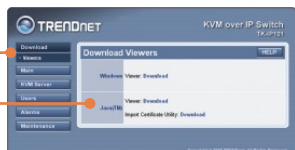
8. Type in the Login user ID and password and click **OK**.
Login (User ID): **superuser**
Password: **superu**



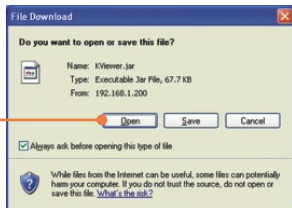
Java

1. Follow step 1, 2, and 3 in section 3 to log on to the browser configuration.

2. Click **Download** and then **Viewers**. In the JavaTM section, click **Download**.



3. Click **Open**.



4. Type in 192.168.1.200:5900 and click **OK**.



5. Type in the Login user ID and password and click **OK**.
Login (User ID): **superuser**
Password: **superu**

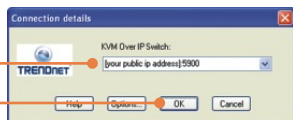


Viewing Remotely

1. Logon to your router and open ports 5900~5909. Please refer to your router's manual or contact your network administrator for more information.

2. Follow the steps in the **Viewing Locally** section above for installing and opening up the viewer.

3. Type in [your public ip address]:5900 (for example: 82.165.130:180: 5900) and click **OK**. If you do not know your public IP address, please contact your network administrator or Internet Service Provider for more information.

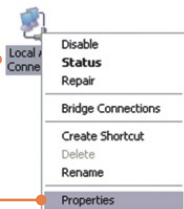


4. Type in the Login (user ID) and password and click **OK**.
Login (User ID): **superuser**
Password: **superu**

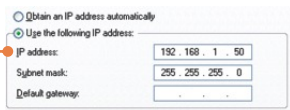


Q1: How do I configure TCP/IP settings on my computer?

1. Go into the **Control Panel** and double-click the **Network Connections** icon, right-click the **Local Area Connection** icon and then click **Properties**.



2. Click **Internet Protocol (TCP/IP)** and then click **Properties**. Then click on **Use the following IP address**, and make sure you assign your network adapter an IP address in the subnet of 192.168.1.x.



Q2: I typed https://192.168.1.200:5908 in my Internet Browser's Address Bar, but an error message says "The page cannot be displayed." How can I get into the TK-IP101 web configuration page?

A2: First, check your hardware settings again by following the instructions in section 2. Second, make sure the power and link lights are lit. Third, make sure the TCP/IP settings are configured properly (see Q1). Fourth, since the TK-IP101's default IP address is 192.168.1.200, make sure that no other network devices are assigned an IP address of 192.168.1.200:5908

Q3: I have the KVM switch connected properly, but my keyboard and mouse don't work. What should I do?

A3: First, make sure the power adapter is plugged into your KVM switch. Second, make sure your PS2 or USB ports are working properly by connecting your mouse and keyboard directly to the PS/2 or USB port computer. Third, once you confirm that the PS/2 or USB ports are functional, please reboot your computers, and try to use the KVM switch again. Fourth, if your computer is running Windows 98SE, you may need to download and install the USB hot fix. Please go to this link for download and installation instructions: <http://support.microsoft.com/kb/q240075>. Once the hot fix is installed, follow the installation instructions in Section 2.

Q4: The video is bad or grainy. What should I do?

A4: First, make sure the cables are securely connected. Second, the maximum resolution supported is 1600 x 1200. If the resolution configured on your computer is higher, you must change it to a lower resolution. Contact your operating system support for more instructions

Q5: I am unable to switch between computers using my KVM Switch's hot keys. What should I do?

A5: Press on the Num Lock key for 5 seconds to activate the hot keys.

Q6: The cursor on the local computer and the remote computers in the IPviewer are not aligned. What should I do?

A6: Go to your mouse properties and go to pointer options. Set the pointer speed is set to the middle, uncheck enhanced pointer precision and uncheck Automatically move pointer to the default button in a dialog box. In the IPviewer, press the mouse synchronization hot key. By default, the hot key is CTRL CTRL Home. If your keyboard does not have a CTRL or Home Key, log on to browser configuration (see Section 3), click KVM Server, click IPViewer Connection and select the desired key for the IPViewer Hot Keys and Mouse Resynchronize Key.

Q7: I forgot the administration password. How do I reset my TK-IP101?

A7: Press on the reset button using a pen or paperclip for 10 seconds. The default password is admin.

Q8: How can I view my computers remotely?

A8: First, open up ports 5900 to 5909 on your router. Contact the router manufacturer or your network administrator for more information. Second, type in [http://\[your public ip address\]:5908](http://[your public ip address]:5908) in your browser. Third, follow the Windows or Java instruction in Section 3 for installing the viewer. Fourth, when the connection details window appears, type in your public IP address: 5900.

If you still encounter problems or have any questions regarding the TK-IP101, please contact TRENDnet's Technical Support Department.

Certifications

This equipment has been tested and found to comply with FCC and CE Rules. Operation is subject to the following two conditions:

- (1) This device may not cause harmful interference.
- (2) This device must accept any interference received. Including interference that may cause undesired operation.



Waste electrical and electronic products must not be disposed of with household waste. Please recycle where facilities exist. Check with you Local Authority or Retailer for recycling advice.



NOTE: THE MANUFACTURER IS NOT RESPONSIBLE FOR ANY RADIO OR TV INTERFERENCE CAUSED BY UNAUTHORIZED MODIFICATIONS TO THIS EQUIPMENT. SUCH MODIFICATIONS COULD VOID THE USER'S AUTHORITY TO OPERATE THE EQUIPMENT.

ADVERTENCIA

En todos nuestros equipos se mencionan claramente las características del adaptador de alimentación necesario para su funcionamiento. El uso de un adaptador distinto al mencionado puede producir daños físicos y/o daños al equipo conectado. El adaptador de alimentación debe operar con voltaje y frecuencia de la energía eléctrica domiciliar existente en el país o zona de instalación.



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Product Warranty Registration

Please take a moment to register your product online.

Go to TRENDnet's website at <http://www.trendnet.com/register>

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