





Quick Installation Guide  

TV-VS1
TV-VS1P
1.01

Table of Contents

English	1
1. Before You Start	1
2. Hardware Installation	2
3. Configure the TV-VS1/TV-VS1P	3
4. Power over Ethernet (PoE) Installation	6
.....	
Troubleshooting	8



Package Contents

- TV-VS1/TV-VS1P
- Multi-Language Quick Installation Guide
- CD-ROM (Utility & User's Guide)
- Network Cable (1.5m / 5ft)
- GPIO Connector
- Audio Y Cable (3.5mm Jack)
- Power Adapter (12V DC, 1.5A)
- Mounting Accessories

System Requirements

- A computer with a wired network adapter properly installed
- CD-ROM Drive
- VGA Resolution: 800 x 600 or above
- Web Browser: Internet Explorer (6.0 or higher)
- Analog camera with a BNC connector
- 75 Ohm coaxial video cable with BNC connectors
- Internet Router (Optional)
- An available DHCP Server – routers usually have a built-in DHCP server (Optional)
- Power over Ethernet (PoE) Switch (e.g. TPE-80WS) or PoE injector (e.g. TPE-111GI) (Optional for TV-VS1P)
- Monitor with a BNC connector (Optional)

Note:

The TV-VS1P only works with Power over Ethernet (PoE) devices that follow the IEEE 802.3af standard.

Software Utility Requirements

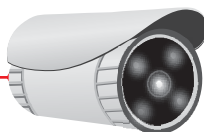
Supported Operating Systems	CPU	Memory
Windows 7 (32/64-bit)	1.3GHz or above	1GB RAM or above
Windows Vista (32/64-bit)	1.3GHz or above	512MB RAM or above
Windows XP (32/64-bit)	1.3GHz or above	256MB RAM or above

2. Hardware Installation

1. Connect the provided network cable from one of your Router's network ports to the Ethernet port on the TV-VS1/TV-VS1P.



2. Connect one end of a BNC cable to the Video IN (Input) connector on the TV-VS1/TV-VS1P. Connect the other end of a BNC cable to the Video OUT (Output) connector on your analog camera.



3. Connect the Power Adapter to the TV-VS1/TV-VS1P and then to a power outlet.



ENGLISH

FRANÇAIS

DEUTSCH

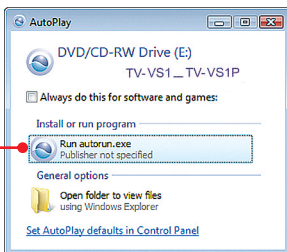
ESPAÑOL

РУССКИЙ

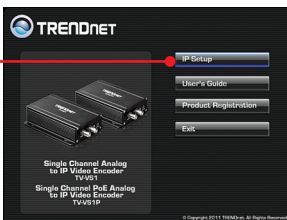
3. Configure the TV-VS1/TV-VS1P

1. Insert the Utility CD-ROM into your CD-ROM drive.

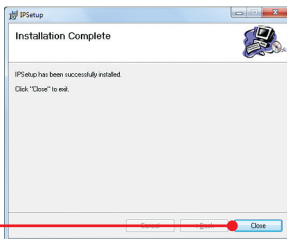
2. Click **Run autorun.exe** (Windows 7/Vista only).



3. Click **IP Setup**.



4. Follow the **Installation Wizard** instructions.

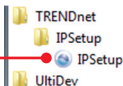


5. Once installation is complete click **Close**.

6. Click the **Start** (Windows XP) or **Windows** (Windows 7/Vista) icon.



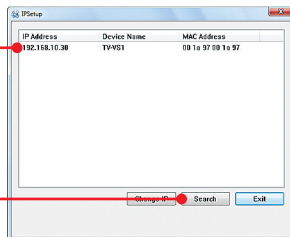
7. Go to **Programs** → **TRENDnet** → **IPSetup** and click **IPSetup**.



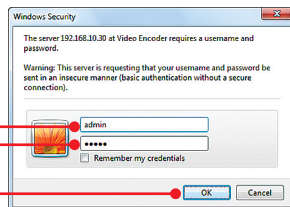
Note:

By default, the IP setting on the TV-VS1/TV-VS1P is set to DHCP. If you want to give the TV-VS1/TV-VS1P a static IP address, please refer to the User's Guide on the Utility CD-ROM.

8. Double click the Video Encoder to access the browser configuration. Verify that the MAC address listed matches the MAC address on your Video Encoder. The MAC address is listed on the bottom of the TV-VS1/TV-VS1P. Click **Search** if no Video Encoder is detected.



9. Enter the User name and Password, and then click **OK**. By default:
User Name: **admin**
Password: **admin**

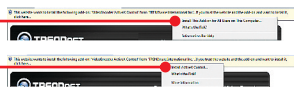
**Note:**

To view video using MJPEG video compression, go to www.java.com. Download and install the Java plug-in.

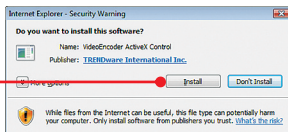
10. Click **Install** (Internet Explorer 9).



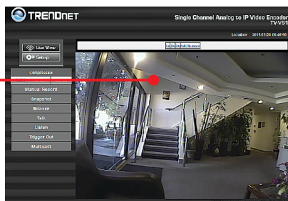
11. Right click on the information bar and select **Install This Add-on for All Users on This Computer...** (Internet Explorer 8) or **Install ActiveX Control** (Internet Explorer 6/7).



12. Click Install.



13. Live video will now appear.



Your configuration is now complete

For detailed information regarding the **TV-VS1/TV-VS1P**'s configuration and advanced settings, please refer to the Troubleshooting section, User's Guide CD-ROM, or TRENDnet's website at <http://www.trendnet.com>.

Register Your Product

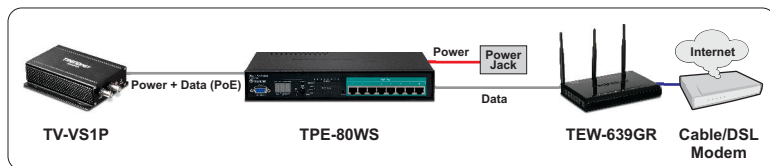
To ensure the highest level of customer service and support, please take a moment to register your product Online at: www.trendnet.com/register

Thank you for choosing TRENDnet

4. Power over Ethernet (PoE) Installation

Note: This section is for the TV-VS1P only.

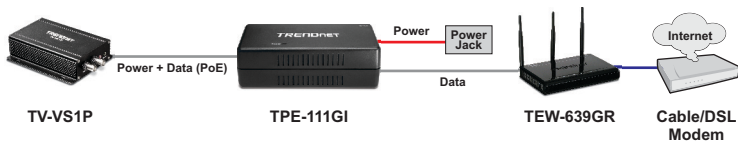
Using the TV-VS1P with a PoE switch



1. Connect a network cable from the Power over Ethernet switch (e.g. TPE-80WS) to the network port on the TV-VS1P. Then, follow the steps in Section 3: Configure the TV-VS1/TV-VS1P.



Using the TV-VS1P with a PoE Injector



1. Connect one end of the **Power Cord** to the **Injector**. Then connect the other end of the Power Cord to an outlet.



2. Connect a network cable from a switch or router to the TPE-111GI's **Data In** port.



3. Connect a network cable from the TV-VS1P to the TPE-111GI's **PoE Out** port.



4. Follow the steps in Section 3: Configure the TV-VS1/TV-VS1P.

1. I inserted the Utility CD-ROM into my computer's CD-ROM Drive but the installation menu does not appear automatically. What should I do?

1. For Windows 7, if the installation menu does not appear automatically, click on the Windows Icon on the bottom left hand corner of the screen, click the "Search programs and files" box, and type D:\autorun.exe, where "D" in "D:\autorun.exe" is the letter assigned to your CD-ROM Drive, and then press the ENTER key on your keyboard .
2. For Windows Vista, if the installation menu does not appear automatically, click Start, click the Start Search box, and type D:\autorun.exe where "D" in "D:\autorun.exe" is the letter assigned to your CD-ROM Drive, and then press the ENTER key on your keyboard.
3. For Windows XP, if the window does not appear automatically, click Start, click Run and type D:\autorun.exe where "D" in "D:\autorun.exe" is the letter assigned to your CD-ROM Drive, and then press the ENTER key on your keyboard.

2. IP Setup is unable to detect my video encoder. What should I do?

1. Verify that you have followed all the steps in Section 2: Hardware Installation.
2. Disable any software firewall programs such as ZoneAlarm or Norton Internet Security. If you are using Windows 7, Vista or XP disable the built in firewall.
3. Click on **Search** in IPSetup.
4. Reset the video encoder. Take a pin or paperclip and press the reset button on the side of the unit for 15 seconds.

3. I do not have a DHCP server or DHCP is disabled on my network and I am unable to configure the TV-VS1/TV-VS1P. What should I do?

1. Go to the TCP/IP settings on your computer and assign a static IP address on your computer's network adapter in the subnet of 192.168.10.x. Since the default IP address of the TV-VS1/TV-VS1P is 192.168.10.30, do not assign a static IP address of 192.168.10.30 on your computer's network adapter.
2. Open Internet Explorer and enter http://192.168.10.30 into the address bar.

4. When I click on Live View the image does not load?

1. Make sure that you are using a browser that supports ActiveX or Java.
2. Make sure that ActiveX or Java is installed. See steps 10 to 12 in Section 2: Hardware Installation for ActiveX installation. Go to www.java.com to download and install the Java plug-in.

5. I forgot my password. What should I do?

Take a pin or paperclip and press the reset button on the side of the unit for 15 seconds. This will return settings back to factory defaults. Open up the IP Setup program to find out the IP address of the camera (see step 8 in Section 3: Configure the TV-VS1/TV-VS1P.) If you do not have a DHCP server on your network, the default IP address is 192.168.10.30. The default administrator ID and password is admin.

6. Please give me an explanation of all the LEDs and Buttons.

LED/Button	Color	Sequence	Definition
Power LED	Amber	Solid	Device is on
	N/A	Off	Device is off
Network Port Link/ Act LEDs	Green	Solid	LAN port connected at 10/20 Mbps or 100/200Mbps (Half/Full Duplex)
		Blinking	LAN port data transmitting/receiving 10/20Mbps or 100/200Mbps (Half/Full Duplex)
	N/A	Off	LAN port is disconnected/No Ethernet Link
Reset Button	N/A	N/A	Hold 15 seconds to reset device to factory defaults.

If you still encounter problems or have any questions regarding the **TV-VS1/TV-VS1P**, please contact TRENDnet's Technical Support Department.

Declaration of Conformity



Company Information:

Company Name:

TRENDnet, Inc.

Company Address:

20675 Manhattan Place

Torrance, CA 90501

USA

Product Information:

Product Description:

Single Channel Analog to IP Video Encoder

Single Channel PoE Analog to IP Video Encoder

Model Number:

TV-VS1

TV-VS1P

Brand name:

TRENDnet



Technical Standards:

EN 55022: 2006 + A1: 2007 (Class A)

EN 61000-3-2: 2009

EN 61000-3-3: 2008

EN 55024: 1998 + A1: 2001 + A2: 2003

EN 60950-1:2006+ A11: 2009

Declaration:

The product is herewith confirmed to comply with the requirements of Directive 2004/108/EC of the Council (European Parliament) on the EMC directive and Energy-related products Directive 2009/125/EC.

I hereby declare that the products and devices mentioned above are consistent with the standards and provisions of the guidelines.

Sonny Su

Full Name

May 18, 2011

Date

Director of Technology

Position / Title

Signature

GPL/LGPL General Information

This TRENDnet product includes free software written by third party developers. These codes are subject to the GNU General Public License ("GPL") or GNU Lesser General Public License ("LGPL"). These codes are distributed WITHOUT WARRANTY and are subject to the copyrights of the developers. TRENDnet does not provide technical support for these codes. The details of the GNU GPL and LGPL are included in the product CD-ROM.

Please also go to (<http://www.gnu.org/licenses/gpl.txt>) or (<http://www.gnu.org/licenses/lgpl.txt>) for specific terms of each license.

The source codes are available for download from TRENDnet's web site (http://trendnet.com/downloads/list_gpl.asp) for at least three years from the product shipping date.

You could also request the source codes by contacting TRENDnet.

20675 Manhattan Place, Torrance, CA 90501, USA. Tel: +1-310-961-5500 Fax: +1-310-961-5511

Informations générales GPL/LGPL

Ce produit TRENDnet comprend un logiciel libre écrit par des programmeurs tiers. Ces codes sont sujet à la GNU General Public License ("GPL" Licence publique générale GNU) ou à la GNU Lesser General Public License ("LGPL" Licence publique générale limitée GNU). Ces codes sont distribués SANS GARANTIE et sont sujets aux droits d'auteurs des programmeurs. TRENDnet ne fournit pas d'assistance technique pour ces codes. Les détails concernant les GPL et LGPL GNU sont repris sur le CD-ROM du produit.

Veuillez également vous rendre en (<http://www.gnu.org/licenses/gpl.txt>) ou en (<http://www.gnu.org/licenses/lgpl.txt>) pour les conditions spécifiques de chaque licence.

Les codes source sont disponibles au téléchargement sur le site Internet de TRENDnet web site (http://trendnet.com/downloads/list_gpl.asp) durant au moins 3 ans à partir de la date d'expédition du produit.

Vous pouvez également demander les codes source en contactant TRENDnet.

20675 Manhattan Place, Torrance, CA 90501, USA. Tel: +1-310-961-5500 Fax: +1-310-961-5511

Allgemeine Informationen zu GPL/LGPL

Dieses Produkt enthält die freie Software "netfilter/iptables" (© 2000-2004 netfilter project <http://www.netfilter.org>) und die freie Software "Linux_mtd" (Memory Technology Devices) Implementation (© 2000 David Woodhouse), erstmals integriert in Linux Version 2.4.0-test 3 v. 10.07.2000 (<http://www.kernel.org/pub/linux/kernel/v2.4/old-test-kernels/linux-2.4.0-test3.tar.bz2>), sowie weitere freie Software. Sie haben durch den Erwerb dieses Produktes keinerlei Gewährleistungsansprüche gegen die Berechtigten an der oben genannten Software erworben; weil diese die Software kostenfrei lizenzieren gewähren sie keine Haftung gemäß unten abgedruckten Lizenzbedingungen. Die Software darf von jedermann im Quell- und Objektcode unter Beachtung der Lizenzbedingungen der GNU General Public License Version 2, und GNU Lesser General Public License (LGPL) vervielfältigt, verbreitet und verarbeitet werden. Die Lizenz ist unten im englischsprachigen Originalwortlaut wiedergegeben. Eine nichtoffizielle Übersetzung in die deutsche Sprache finden Sie im Internet unter (<http://www.gnu.de/documents/gpl-2.0.de.html>). Eine allgemeine öffentliche GNU Lizenz befindet sich auch auf der mitgelieferten CD-ROM.

Sie können Quell- und Objektcode der Software für mindestens drei Jahre auf unserer Homepage www.trendnet.com im Downloadbereich (http://trendnet.com/langen/downloads/list_gpl.asp) downloadend. Sofern Sie nicht über die Möglichkeit des Downloads verfügen können Sie bei TRENDnet.

20675 Manhattan Place, Torrance, CA 90501 - U.S.A. -, Tel.: +1-310-961-5500, Fax: +1-310-961-5511 die Software anfordern.

Información general sobre la GPL/LGPL

Este producto de TRENDnet incluye un programa gratuito desarrollado por terceros. Estos códigos están sujetos a la Licencia pública general de GNU ("GPL") o la Licencia pública general limitada de GNU ("LGPL"). Estos códigos son distribuidos SIN GARANTÍA y están sujetos a las leyes de propiedad intelectual de sus desarrolladores. TRENDnet no ofrece servicio técnico para estos códigos. Los detalles sobre las licencias GPL y LGPL de GNU se incluyen en el CD-ROM del producto.

Consulte también el (<http://www.gnu.org/licenses/gpl.txt>) ó el (<http://www.gnu.org/licenses/lgpl.txt>) para ver las cláusulas específicas de cada licencia.

Los códigos fuentes están disponibles para ser descargados del sitio Web de TRENDnet

(http://trendnet.com/downloads/list_gpl.asp) durante por lo menos tres años a partir de la fecha de envío del producto.

También puede solicitar el código fuente llamando a TRENDnet.

20675 Manhattan Place, Torrance, CA 90501, USA. Tel: +1-310-961-5500 Fax: +1-310-961-5511

Общая информация о лицензиях GPL/LGPL

В состав данного продукта TRENDnet входит бесплатное программное обеспечение, написанное сторонними разработчиками. Это ПО распространяется на условиях лицензий GNU General Public License ("GPL") или GNU Lesser General Public License ("LGPL"). Программы распространяются БЕЗ ГАРАНТИИ и охраняются авторскими правами разработчиков. TRENDnet не оказывает техническую поддержку этого программного обеспечения. Подробное описание лицензий GNU GPL и LGPL можно найти на компакт-диске, прилагаемом к продукту.

В пунктах (<http://www.gnu.org/licenses/gpl.txt>) и (<http://www.gnu.org/licenses/lgpl.txt>) изложены конкретные условия каждой из лицензий.

Исходный код программ доступен для загрузки с веб-сайта TRENDnet (http://trendnet.com/downloads/list_gpl.asp) в течение, как минимум, трех лет со дня поставки продукта.

Кроме того, исходный код можно запросить по адресу TRENDnet.

20675 Manhattan Place, Torrance, CA 90501, USA. Tel: +1-310-961-5500 Fax: +1-310-961-5511

GPL/LGPL informações Gerais

Este produto TRENDnet inclui software gratuito desenvolvido por terceiros. Estes códigos estão sujeitos ao GPL (GNU General Public License) ou ao LGPL (GNU Lesser General Public License). Estes códigos são distribuídos SEM GARANTIA e estão sujeitos aos direitos autorais dos desenvolvedores. TRENDnet não presta suporte técnico a estes códigos. Os detalhes do GNU GPL e do LGPL estão no CD-ROM do produto.

Favor acessar <http://www.gnu.org/licenses/gpl.txt> ou <http://www.gnu.org/licenses/lgpl.txt> para os termos específicos de cada licença.

Os códigos fonte estão disponíveis para download no site da TRENDnet (http://trendnet.com/langen/downloads/list_gpl.asp) por pelo menos três anos da data de embarque do produto.

Você também pode solicitar os códigos fonte contactando TRENDnet, 20675 Manhattan Place, Torrance, CA 90501, USA. Tel: +1-310-961-5500, Fax: +1-310-961-5511.

GPL/LGPL üldinformatsioon

See TRENDneti toode sisaldab vaba tarkvara, mis on kirjutatud kolmanda osapoole poolt. Koodid on allutatud GNU (General Public License) Üldise Avaliku Litsentsi (GPL) või GNU (Lesser General Public License) ("LGPL") Vähem Üldine Avalik Litsentsiga. Koode vahendatakse ILMA GARANTIITA ja need on allutatud arendajate poolt. TRENDnet ei anna koodidele tehnilist tuge. Detailsemat infot GNU GPL ja LGPL kohta leiate toote CD-ROMil. Infot mõlema litsentsi spetsiifiliste terminite kohta leiate (<http://www.gnu.org/licenses/gpl.txt>) või (<http://www.gnu.org/licenses/lgpl.txt>).

Infot mõlema litsentsi spetsiifiliste terminite kohta leiate (<http://www.gnu.org/licenses/gpl.txt>) või (<http://www.gnu.org/licenses/lgpl.txt>). Lähtekoodi on võimalik alla laadida TRENDneti kodulehelt

(http://trendnet.com/langen/downloads/list_gpl.asp) kolme aasta jooksul alates toote kättesaamise kuupäevast.

Samuti võite lähtekoodi paluda TRENDneti'lt, 20675 Manhattan Place, Torrance, CA 90501, USA. Tel: +1-310-961-5500, Fax: +1-310-961-5511.

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.



Product Warranty Registration

Please take a moment to register your product online.
Go to TRENDnet's website at <http://www.trendnet.com/register>