



Video Streamer



Quick Set Up Guide

Model: GIP-HDVR-2001

Provision live video streaming allows you to view your favourite programmes from anywhere in the home using your smart phone or tablet device connected through your home router.

The Provision Video Streamer

Package Contents



Video Streamer



Quick Set Up Guide



Wall Plug Power Supply



Ethernet Adaptor



Ethernet Cable

To avoid permanent damage to the Video Streamer, use only the power supply provided.

Tablet or Mobile Phone Requirements

- Apple iPad, iPod touch and iPhone
 - iOS v5 or above
 - Requires installation of a third-party app

- Android tablets and smart phones
 - Android 3.01 and above
 - Requires installation of a Provision app (alternative apps are available)

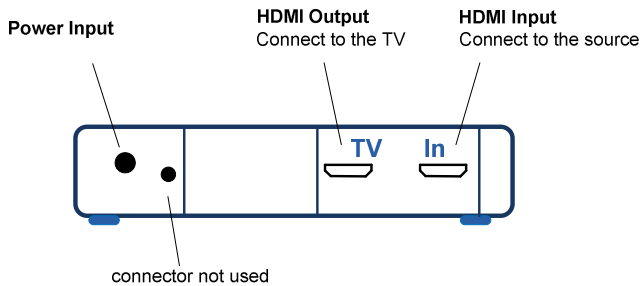
For an up-to-date list of devices that have been tested, and are known to work, go to <http://www.provision-comm.com/support>.

Home Router Requirements

The Provision Video Streamer connects to the wireless broadband router of the home network using the supplied Ethernet dongle and cable. Any broadband wireless router should be suitable, but verify that –

- it has a spare Ethernet socket
- the tablet or smart phone can connect by WiFi to the home router.

Rear Panel



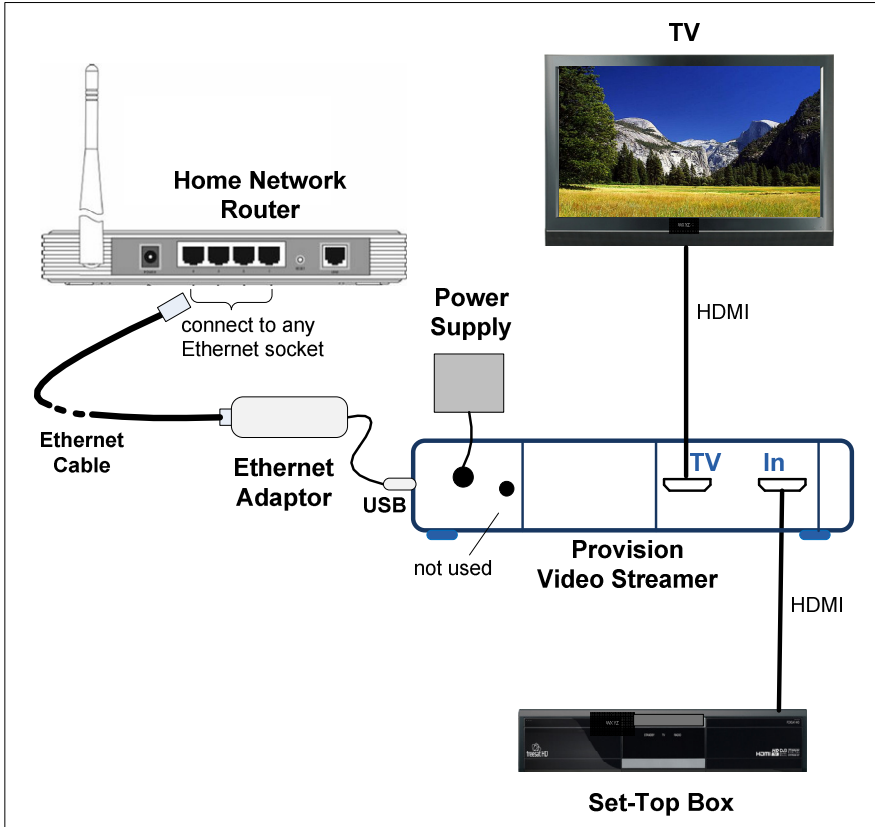
Side Panel USB Socket



The Ethernet adaptor connects to the USB socket on the side of the unit. Remove the protective rubber bung before connecting.

Quick Start

STEP 1 - Install the Video Streamer



- Connect the HDMI output of the set-top box to the HDMI input of the Video Streamer using a good quality HDMI cable.
- Connect the TV output of the Video Streamer to an HDMI input of the TV using a good quality HDMI cable.
- Connect the Ethernet Adaptor to the Video Streamer USB socket (on side of unit)
- Connect one end of the Ethernet cable to the socket of the Ethernet adaptor.
- Connect the other end of the Ethernet cable to a free socket of your home network router.

STEP 2 - Connect power

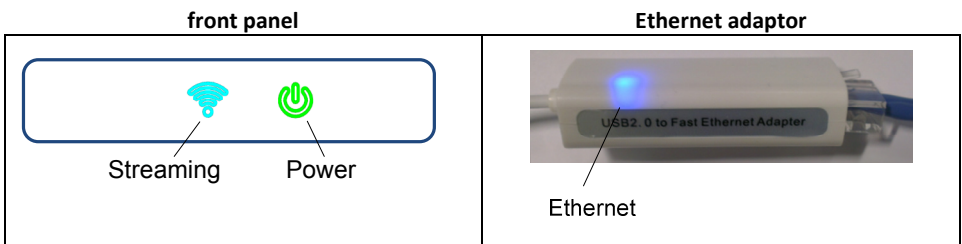
- ❑ Connect the power supply to the power input of the Video Streamer.
- ❑ Plug the power supply into a mains socket and switch on.
- ❑ Turn on power to the TV and set top box.
- ❑ Verify that programs can be seen on the TV.

The Video Streamer will automatically connect to your home network router.

STEP 3 - Check indicator lights

- ❑ To confirm correct operation, check the front panel LED indicators, and the blue LED indicator on the Ethernet adaptor.

All indicator lights should be on. (The streaming light flashes blue for two minutes after connecting power.) If this is not the case, refer to the Troubleshooting Guide, page 9.




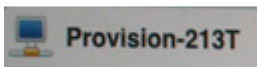
LED	Description
Streaming	Blue, or Blue Flashing : Normal operation
Power	Green : Normal operation Flashing Amber : Ethernet cable disconnected
Ethernet adaptor	Blue : Ethernet connected Off : Ethernet cable disconnected

STEP 4 - Watch TV via an Apple iPad or iPhone

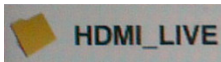
If you have an Android device, skip to Step 5

A media player application is required. Numerous players are available for iOS, but we recommend **AirPlayer** which can be purchased from the Apple App store.

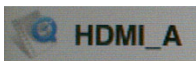
- Install a media player. AirPlayer is recommended.
 - Start the AirPlayer App.
 - Select the Settings menu of the AirPlayer App., and adjust the settings as follows –
 - Cache size – set to *20 MB* (which is the maximum)
 - Dual core decoder – if this option is present, set to *ON*
 - TV Out – set to *OFF*
 - Plugin – set to *QuickTime*
 - Ensure that the iPad or iPhone is connected via WiFi to your home router. The WiFi symbol should be displayed in the status bar at the top of the screen - 
- Note that it is not possible to connect to the Video Streamer via a mobile network.
- Go to the Device List of the AirPlayer App, and tap to select the Provision Video Streamer. It will have a name in the form *Provision-*nnnT**.



- Tap again to select HDMI_LIVE –



- Tap again to select HDMI_A –



→ Video will start playing after a few seconds.


In case of difficulty see the Troubleshooting Guide, page 9.

STEP 5 - Watch TV via an Android Tablet or Phone

If you have an Apple device, see Step 4

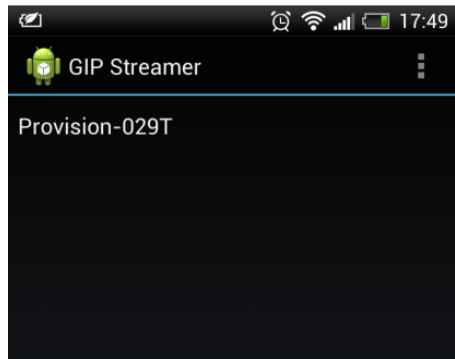
A media player application is required. Numerous players are available for Android, but we recommend the **Provision HDlive Streamer** which can be downloaded from the Google Play store.

See Frequently Asked Questions, page 10, for guidance on using alternative Android apps.

- ❑ Install *Provision HDlive Streamer*. This is a free App from the Google Play store.
- ❑ Ensure that the tablet or phone is connected via WiFi to your home router. The WiFi symbol should be displayed in the status bar at the top of the screen - 

Note that it is not possible to connect to the Video Streamer via a mobile network.

- ❑ Start *Provision HDlive Streamer*.
The Video Streamer will be listed on the start-up page. (If you have more than one Video Streamer, they will all be listed here.)
- ❑ Tap to select the Video Streamer –
in this example *Provision-029T*.




→ Video will start playing after a few seconds.

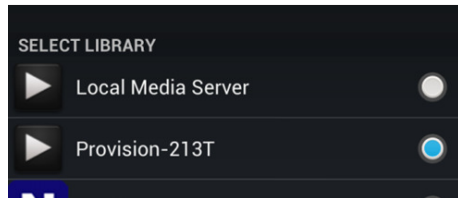
In case of difficulty see the Troubleshooting Guide, page 9.

Alternative Android App – BubbleUPnP

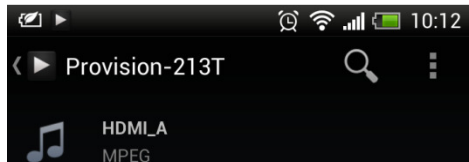
The recommended App for Android is Provision HDlive Streamer, see Step 5

- ❑ Install the free App BubbleUPnP from the Google Play Store
- ❑ Ensure that the tablet or phone is connected via WiFi to your home router. The WiFi symbol should be displayed in the status bar at the top of the screen - 
Note that it is not possible to connect to the Video Streamer via a mobile network.

- ❑ Start the BubbleUPnP App, tap to select DEVICES, and tap to select the Provision Video Streamer. It will have a name starting with 'Provision'



- ❑ Tap to select library, then tap to Select HDMI_A.



- ❑ BubbleUPnP works in conjunction with a separate media player. You may be presented with a choice of players. Choose the default player for your device. (Typically, the default player is *Video player* for Samsung devices, and *Streaming Media Player* for HTC.)

→ Video will start playing after a few seconds.

In case of difficulty see the Troubleshooting Guide, page 9.

Troubleshooting Guide

Many issues can be solved by carefully checking that all connections to the Video Streamer are correct and undamaged. Please refer to the Quick Start instructions, page 4.

❑ The Ethernet Connected indicator is off


There is no connection to the home router. Check that the following are properly connected (see diagram page 4) -

- Ethernet adaptor to Video Streamer
- Ethernet cable to Ethernet adaptor
- Ethernet cable to home router

If the Ethernet Connected indicator is still off:

- turn the Video Streamer off and then on
- turn the home router off and then on

❑ I do not see my Video Streamer in the Devices list, or video does not start playing on my phone or tablet

- Check that the phone or tablet is connected to the Home Wireless Router, and that the WiFi symbol  appears in the status bar at the top of the screen. Settings can be changed under Settings, WiFi. Note that it is not possible to connect to the Video Streamer via a mobile network.
- Check that the STB and Video Streamer are turned on, and that video can be seen on the TV.
- Turn the Video Streamer off and then on.

For Apple devices:

- On the Device List page of the media player app., tap the refresh button
- Reselect the Provision Video Streamer.

For Android devices:

- Exit the *Provision HDLive Streamer* app
- Restart the *Provision HDLive Streamer* app

❑ There is no picture on the TV

- Check both HDMI cables are connected correctly, using the correct sockets **In** and **TV** of the Video Streamer (see diagram page 4)
- Check that the Video Streamer is on. The Video Streamer should be on to watch TV)
- Turn the Video Streamer off and then on.

Frequently Asked Questions

How do I set-up the units?

This is a simple procedure. See Quick Start, page 4.

Are all home WiFi routers supported?

The tablet or phone needs to connect to the router via WiFi, so check that this is possible. Other than that, the router should have a free Ethernet socket. A recent WiFi routers supporting the faster 802.11n is preferred when streaming to several devices simultaneously.

Are all source devices supported?

Virtually all STBs, Blu-ray players and other sources with an HDMI output are supported.

Does the Video Streamer support both Standard Definition (SD) and High Definition (HD)?

Yes. All common video formats SD and HD are supported at the video input and loop through output to the TV. See also video streaming format in the Video Streamer – Advanced Settings section.

Can I connect more than one phone or tablet at the same time?

Yes, certainly. We test four simultaneous connections. Depending on your WiFi network, you may be able to connect even more. Of course, everyone sees the same programme.

How long does the Video Streamer take to start-up?

The Video Streamer is ready to stream video within one minute of power on.

Can I show different channels on the TV and on the phone or tablet

The streamed video is always the same as the video on the loop-through output of the unit. However, the TV can still display video from any of its other inputs – second HDMI, SCART, aerial, etc.

❑ Why does the video occasionally hesitate just after streaming starts?

This is normal behaviour, while the buffer of the video player fills.

❑ What if the Video Streamer is a long way from my home network router?

If it is not practical to make a wired Ethernet connection, we recommend the use of Home Plug adapters.

❑ Is it possible to upgrade the units?

Yes. Upgrades for improved performance and additional features are planned. See Software Update, page 12.

❑ Which alternative Android Apps are available?

The preferred App for Android is *Provision HDlive Streamer*.

Provision has tested the combination of BubbleUPnP and the default media player on a range of devices. Other combinations of UPnP app, plus media player, may work but have not been tested.

❑ How can I maximise the number of devices that can be connected at the same time?

Set video quality to *Lowest*. Set video resolution to *SD* or below. See Video Streamer – Advanced Settings at <http://provision-comm.com/support>.

Software Update

Software updates will be made available in the future to enhance the performance of the units. The procedure for upgrade is -

- ❑ Download the update file from the company website - see page 16 - and store on a USB memory stick.
- ❑ Turn off the Video Streamer
- ❑ Temporarily disconnect the Ethernet adaptor, and insert the USB memory stick in the USB socket on the side of the Video Streamer.
- ❑ Turn the Video Streamer off and then on. After 3-4 seconds, the power indicator will change from green to orange, to show that upgrade has started.
- ❑ Wait until the power indicator changes back to green, to show that the upgrade has been successful.
- ❑ Reconnect the Ethernet adaptor to the USB socket.

Video Streamer – Advanced Settings

The factory default settings of the Video Streamer are correct for most home networks, mobile devices and tablets, and should not normally be changed. However, video streaming and network settings can be adjusted from the Provision HDlive Streamer App, or using a web-browser.

See <http://provision-comm.com/support> for instructions.

Technical Specification

Dimensions mm (inches)	135x145x30 (5.25x5.75x1.2)
Video input resolutions	1080p60/50/24, 1080i60/50, 720p60/50, 576p50, 480p60, 480i60.
Audio input format	Stereo PCM
Compression	Video: H.264 / MPEG4-AVC Audio: AAC
Mobile Streaming	HTTP Live Streaming (HLS) protocol
Ethernet interface	100Base-T, using supplied USB-Ethernet adaptor
HDMI connectors	one input one output - loop through for TV
Supply Voltage	90 to 264 V, 50 to 60 Hz
Power Consumption	6 W typ.
Temperature Range	5 to 40°C, indoor operation only

Safety

- Please read these instructions fully.
- Do not operate near water or where there is a risk of spilling any liquids into the units.
- Disconnect power before cleaning.
- Clean with a dry cloth.
- Do not place near any heat source (e.g. radiators, stoves or any other equipment producing heat).
- Do not block ventilation holes, and operate in the recommended orientation.
- Do not insert any objects into ventilation holes that might touch circuit voltage points or areas that might cause electrical shock.
- Only use the AC power adaptor supplied. Use of other power supplies may cause malfunction or permanent damage.
- Do not use an AC power supply if there are any signs of damage to case or wiring.
- Do not handle the units or power adaptors with wet hands.
- Disconnect the AC power adaptor from the mains when not in use.
- It is advised that the unit should not be placed on other electrical equipment, otherwise performance could be affected.
- Ensure the units are placed in a safe and secure position.
- Do not place the units in any position where the cables and wiring may become entangled or cause a trip hazard



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This is a class B product, in a domestic environment; this product may cause radio interference, in which case the user may be required to take adequate measures



This symbol indicates that when the end user wishes to discard this product, it must be sent to separate collection facilities for recovery and recycling. By separating this product from other household waste, the volume of waste sent to incinerators and landfill will be reduced and natural resources will be conserved. If uncertain please contact your local authority for advice.

Packaging materials are principally recyclable and wherever possible should be recycled. Materials such as plastic bags should be kept away from children.

Contact

Web: www.provision-comm.com or www.globalinvacom.com

Email: support@provision-comm.com

Please record the serial number the unit. This information will be required to register the purchase and gain access to the support pages of the website if required.

Unit Serial Number

Date Purchased