



Media Server

Frequently Asked Questions for Device Manufacturers

Q: What's the relationship between PVConnect and TwonkyVision?

A: PacketVideo acquired TwonkyVision, maker of TwonkyMedia, in 2006. The direct-to-consumer Twonky media server is sold on www.twonkyvision.com.

Q: What devices are compatible with PVConnect?

A: The list of devices is continuously growing. For a current list, please visit www.twonkyvision.com and click *Supported Clients*.

Q: What operating system platforms does PVConnect support?

A: Windows XP, Windows Home Server, Windows Mobile, Mac OS, Linux

Q: Can the branding of the PVConnect Media Server be changed?

A: The look and feel of the configuration pages can be completely customized. The remote access pages are CSS-driven. It is also possible to easily re-structure the individual options to customized groups.

PV's RPC-based API enables you to integrate the PVConnect configuration options into any web-based configuration pages. This is actually the most common way to customize the configuration user interface (UI).

Q: Does the PVConnect Media Server support content uploading from another UPnP client?

A: Yes, our server supports upload to "ANY_CONTAINER" as defined by DLNA 1.5 guidelines. Therefore it is possible to push content to the server, but you need to have an upload controller in the client stack as well. The upload implementation on the server is ready and has been tested in recent DLNA plugfests.

Q: If I use PVConnect Media Server in my device, will my product be automatically DLNA-certified?

A: To certify a device with the DLNA, a manufacturer must become a member of the DLNA and the UPnP Implementers Group. The certification process consists of the following steps:

1. Pass an online test provided by the UPnP Implementers Group
2. Pass an online test provided by the DLNA
3. Submit logs from both tests to a DLNA Independent Certification Vendor (ICV) and register for a test
4. Provide a test device to the ICV

The PVConnect media server is DLNA 1.5 certified, and will help you pass the test, but it does not provide automatic certification. The device test also includes other tests, such as TCP/IP stack tests in the device. If the device is WLAN-enabled a further test is also necessary.

Q: Does the PVConnect Media Server scan for new content?

A: PVConnect can scan for new content in several ways. The options are time-based auto-scan, manually triggered re-scan or event-based automatic content update. The desired option can be pre-selected by the manufacturer or by the end-user through the web-based configuration pages of the server. If time-based auto-scan is selected, the user can define the time interval also. The default and preferred method is event-based automatic update.

Q: How many objects can the PVConnect Media Server handle at once?

A: To enable fast browsing some of the metadata items are kept in memory. The number of content items that can be served therefore depends on the available memory as well as on the implementation of the swapping mechanism. With 16 MB of memory the PVConnect Media Server can handle 15,000-60,000 content items.

Q: What is the minimum CPU requirement for the media server?

A: The media server is deployed in several embedded devices running at 200MHz.

Q: Does the PVConnect Media Server pre-scale photos to specific sizes, or are they scaled on the fly?

A: Pictures are transcoded according to device destination as part of our client adaptation. Different clients will be provided with different photo sizes. This means that users will enjoy optimal viewing of their photos—for example, they will see a large photo on their TV, but the photo will be sized smaller to fit on a digital photo frame.

Q: How many HD streams can the media server support at the same time?

A: That depends on the platform. On a 250 MIPS CPU PVConnect uses just 10 percent of the CPU to stream one HD stream. The bandwidth of the home network, not the PVConnect Media Server, determines the number of streams supported simultaneously.

Q: What languages are currently supported?

A: English, French, Italian, German, Dutch, Spanish, traditional and simplified Chinese, Korean, and Japanese.

Q: Can I get a free trial of the media server?

A: Yes. You can download a 30-day trial version of the media server for PC, Mac and various Linux platforms at www.twonkyvision.com. Click *Download 30-day trial*.

Visit www.pv.com to learn more about the PVConnect product suite, or contact PV today for a demonstration: email info@pv.com.



10350 Science Center Drive, Suite 210 • San Diego, California 92121

Boston, MA • Charlotte, NC • Chicago, IL • San Diego, CA

Basel, Switzerland • Berlin, Germany • Chandigarh, India • Nice, France • Tampere, Finland • Tokyo, Japan

+ 1 858 731 5300 • www.pv.com