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TV Tuner Specifications for Analog and Digital Tuners

Model: PV-970 TV Tuner (MiniPCI Analog Tuner)

Main Chip	Philips SAA7135
Silicon Tuner (RF)	Philips TDA8275A
Low IF - Demodulator	Philips TDA8290
EEPROM	24x02
Video Input	RF-In (RF SMD connector) S-Video Composite Video
Audio Input	Right & Left (for J3)
Audio Output	Right & Left (for J2)
Video Capture rate	30 frames/second (NTSC) 25 frames/second (PAL, SECAM)
Hardware Interface	Mini-PCI Bus
Drivers Support	BDA drivers for Windows 2000, XP
Support Autoscan full channel.	(NTSC, PAL, SECAM)
PCB Size	5.69cm (W) * 4.4cm (L) * 1.00mm (H)

Installation Procedure for PV-970

Note: The TV Tuner should be listed in the Device Manager as Multimedia Controller. If so, do the Driver Setup first. There should be (1) CD with both the TV Tuner driver and Home Theater software. Prior to inserting CD into optical drive, be sure to write down the Home Theater serial number; this will be needed later on when installing the software.

1. Insert CD. Browse the CD and confirm existence of (2) folders - AP and Driver. The AP folder is for the Home Theater software and the Driver folder contains the driver for the TV Tuner.
2. Install the driver first by opening the Driver folder. Next open the folder Drvinst. Inside that folder will be a file called Setup. Run it and accept all default options to install the driver software.
3. Go to Device Manager and check for any multimedia devices. Right click on the multimedia device and choose Update Driver. Choose for it to install Automatically and accept all defaults.
4. Next go to the AP folder and run the setup application. Enter in the Home Theater serial number and install using default options. Restart the PC when finished.
5. Once the PC has restarted, open the Intervideo Home Theater program and set up the connection so the software will locate the TV input that is plugged into the PC.

Model: AverMedia A336 (MiniPCIe Digital Tuner)

Description: miniPCIe Hybrid Digital ATSC/Analog TV-tuner card, with Composite video capture support.

Driver Support and Features

1. AVStream and BDA driver architecture
2. Standard DirectShow API for all supported TV standards
3. Certified with Windows Vista Premium Logo
4. Certified with WHQL for Windows XP
5. Support ACPI and Power Management (S3/S4/S5)
6. Power saving in idle mode, and selective suspend for USB device
7. For digital TV: Tuner driver optimized for sensitivity and ACI performance

Operating Systems Supported

- Microsoft Windows 7 32/64 bits version
- Microsoft Windows Vista 32/64 bits version
- Microsoft Windows XP Media Center Edition 200x
- Microsoft Windows XP Service Pack 3