

Place your MCE/Vista PC in study room where it belongs.

## Description

To access fast growing video contents on the Internet, PC is still the best device, in some cases, the only device available. Using a TV to watch video is the most desirable way to enjoy video contents. How to enable a TV to access Internet video contents is a hot topic. Taifatech's PC2TV solution fulfills such needs. It provides a transparent link between PC and TV so what can be displayed on the PC, can also be watched on the TV from any room in your home. In addition, whatever you can do via your PC, you can do the same in front of the TV. For example, watching downloaded video, play DVD movie, access Internet streaming video, gaming, browsing, display photo, even using MSN, Skype, chatting, video conferencing... etc.

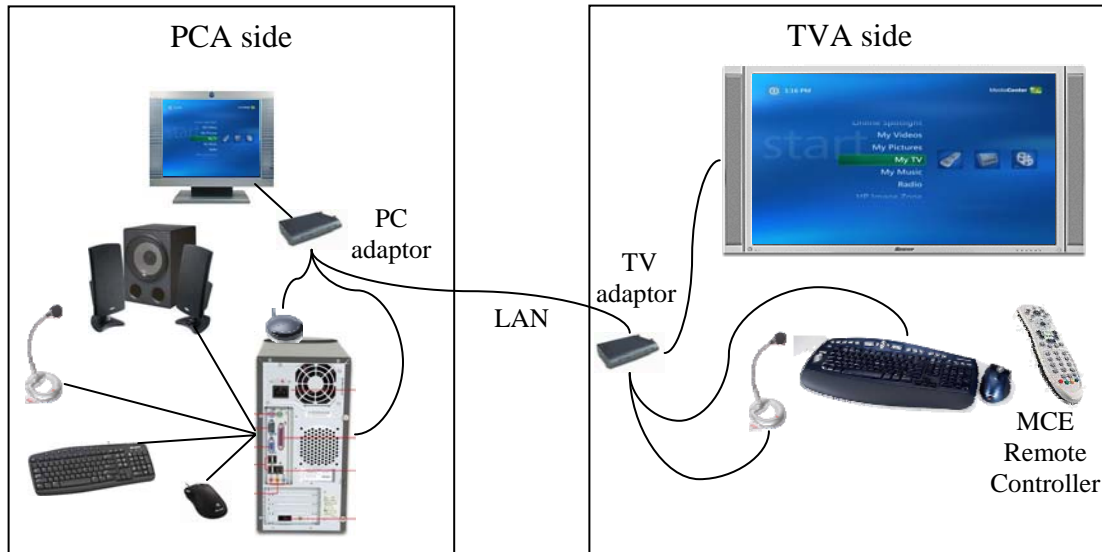
The PC2TV solution has three essential elements: PC adaptor (PCA), TV adaptor (TVA), and the LAN in between. It is literally an "Ethernet based extension cable for keyboard, mouse, speaker, microphone, VGA or DVI and Infrared signals. It allows using TV as the screen for the PC in a transparent way. It also allows placing keyboard, mouse, microphone, MCE infrared remote controller in front of TV and all the signals will be relayed back to the PC through the LAN.

Plug-and-play delivers the easiest and the quickest way to use the PC2TV solution; no configuration is necessary and no new UI to learn. It supports up to 1920 x 1080 resolution for full HD live video. High speed ASIC technology ensures very low latency and quick response time when using mouse connected to the TVA.

All available LAN technology can be used to connect the PCA and the TVA; e.g., Ethernet, WLAN, EoC and power line.

## Benefits

- ✓ Use your TV as a virtual PC
- ✓ Watching videos or photos in any format on a TV without placing an additional PC in the living room
  - Supports up to 1920 x 1080 (HDTV) resolution
  - Enjoy entertainments in MCE PC by using MCE remote controller in front of the TV
- ✓ Full access to all PC programs and functions
  - Access emails and view attachments in any format
  - View any file on PC in any format with any program
- ✓ Access Internet from the TV using any preferred browser
  - Access any photo site
  - Access any social networking site
  - Access any video on demand or news site
- ✓ High speed compression guarantees low latency and excellent picture quality
- ✓ Adjustable network bandwidth
- ✓ Plug and Play
- ✓ Low cost



**Specification**

**General**

- Video resolution, input and output
  - All standard VGA resolutions from 640 x 480 to 1920x1080 at 60Hz
  - New popular wide screen formats
    - ◆ 1440x900
    - ◆ 1400 x1050
    - ◆ 1680x1050
    - ◆ 1360x768
  - Input and Output frame rate
    - ◆ 640x480~800x600 @ 30fps
    - ◆ 1024x768 @ 30fps
    - ◆ 1280x1024~1680x1050 @ 30fps
    - ◆ 1920x1080 @ 25fps
- Audio: Stereo L/R
- Plug and Play installation
- Auto discovery, setup, and connect
- Adjustable network bandwidth
- Supports lock to the PC (PCA)
- Supports OSD on TV, show list of PCAs, allow selections of PCA to connect with TVA

**PC adaptor**

- Connectors to PC:
  - USB for Keyboard and mouse
  - Audio in and out, 3.5mm, male
  - DVI-I for VGA or DVI, female
- Connector for PC peripherals
  - VGA port, DB-15, female
- One 10/100Mbps Ethernet connector
- One IR blaster port, 3.5mm
- One slide switch to enable remote peripherals
- One slide switch to select DVI or VGA
- LEDs for status and power
- Power: DC 5V 1.2A

**TV adaptor**

- Two PS2 connectors for a keyboard and a mouse
- Two audio connectors for speaker and microphone
- One VGA or DVI connector for TV or monitor
- One 10/100Mbps Ethernet connector
- Built in one IR receiver
- One push button to select PCA
- LEDs for status and power
- Power: DC 5V 1.2A

Please send request for information to [sales@taifatech.com](mailto:sales@taifatech.com).

For additional information on the solution, please visit us at [www.taifatech.com](http://www.taifatech.com).