

Problem:

IPTV providers want to allow their subscribers to gain access to full Internet apps packages, based on Android. These apps include IPTV, games, advanced Web browser, media and other applications. The device should work with all new generation TV sets and should be able to be managed remotely utilizing gyroscopic gesture remote control.

Solution:

SysMaster Corporation provides a new generation, high-power Android 4.0 SmartTV adapter that will turn existing TV sets into SmartTV sets. In addition the adapter will also support various applications including IPTV, media, games, and other Android based applications accessible via the Google Apps store.



What is Tornado M54?

Tornado M54 is a revolutionary Android micro-size computer adapter that will convert your existing TV into a SmartTV. It is basically a powerful micro-computer which runs Android operating system in a similar fashion to the most advanced tablets and smart phones. The processing power of the Tornado M54, will allow you to run all Android applications on your TV just like a mega-size 50 inch tablet. It comes bundled with a state-of-the art gesture gyroscopic remote control and keyboard that allows advanced navigation. Instead of buying an expensive Smart TV station, you can easily turn a regular TV into a Smart TV. With Tornado M54 you can do all these wonderful things and much more: download apps from the Google Play Store; access Netflix and Hulu Video-on-Demand services; watch IPTV using high-quality streaming application with over 200 free US and International IPTV channels; stream media files and real-time streams; play action, strategy, and intelligence games; connect with your friends on Facebook and Twitter; surf the Web just like you do on your PC; read news, chat with friends, send email, telecommute.

All that on your old TV that Tornado M54 has converted into a SmartTV!

KEY FEATURES

- Advanced super-small, power and intelligent SmartTV adapter
- Advanced IPTV and Streaming Video Services
- Advanced Gaming
- Music Content Streaming support
- Play Videos support
- Social Media support
- News on Demand support
- Work and Lifestyle Applications support
- Google Maps support
- Advanced Web browsing support
- Access to unlimited number of apps

Advanced super-small, power and intelligent SmartTV adapter:

Tornado M54 is a very small device and you can conveniently take in your pocket anywhere you go, even when you travel abroad. Use it in your hotel room, office, or dormitory. You can easily plug it into any TV and you will get access to all your information, games, IPTV streaming channels, work documents - all the essence of your digital life. You will have all the benefits that you get from your tablet or smart phone enhanced with the capacity of a much bigger screen and higher CPU power. You can even do presentations with it. All you need to do is plug the Tornado M54 into the projector and your presentation can be played from the Internet or from your local SD Card or Flash drive.

Advanced IPTV and Streaming Video Services

Now you can watch YouTube video on your TV rather than on a small computer screen. You can even enjoy Video on Demand in 1080p high definition video resolution from service providers like Netflix, Hulu or Amazon Video Services without using additional hardware. You can do this directly on your high-definition home theater system. In addition, you can use the SysMaster IPTV Android CRM interface to allow controlled access to your IPTV content. This service can be used as an alternative cable or satellite operator so you can save significant amounts of money on TV and entertainment bills.

Advanced Gaming

Tornado M54 uses Android so you can easily download and play any type of Android game available on the Google Play store. All games are just a click away. The only difference will be the quality – much larger screen and more powerful CPU that will dramatically enhance your gaming experience. Using the advanced gesture remote control and keyboard, you will be able to enjoy playing games just like you do on your tablet or iPad. The experience is superior to anything you have experienced before – just like playing on a futuristic 50 inch iPad.

Music Content Streaming

Tornado M54 can play virtually any music format. As long as your music files are accessed locally on the Flash drive or remotely on the Internet, Tornado M54 will be able to access and play them.

Play Videos

Tornado M54 will access and play all locally stored or Internet video files, movies and TV shows. In addition, the device will display virtually all picture files in HD resolution on your TV screen.

Social Media

Tornado M54 will provide you an instant access to all Social Web Sites and services such as Facebook and Twitter. They are just a click away and easy to use.

News on Demand

Tornado M54 allows access to virtually all web and RSS based news content. News can be streamed real-time or accessed on demand.

Work and Lifestyle Applications:

Edit documents, read PDF files, review PowerPoint presentations, send and receive emails, do video conferences. All of these services on your fingertips using the gesture remote control and keyboard – fast and convenient way to do your telecommute.

Google Maps

Get directions instantly. Just access your Google maps on the large TV screen and enjoy the view.

Advanced Web browsing

Simple as it may sound, Web browsing is challenging unless you are equipped with an advanced gesture gyroscopic remote control and keyboard. Using traditional remote controls makes this task extremely tedious—just try to move the mouse or type in characters using the virtual keyboard. With the gesture remote control and keyboard everything is a snap, click, or scroll away. No need for click-marathons on a traditional remote controls or virtual keyboard navigation.

Access to unlimited number of apps

The Google Play store is full of apps for all types of users and most of them work on the Tornado M54. The list is endless. Find anything you like and use freely. If you have an idea drop us a line and we will try to include it in the next versions of Tornado M54.

Technical Specifications *

SmartTV Controller:

- CPU: ARM Cortex A5 1Ghz
- RAM: 512MB RAM
- GPU: Mali 400 GPU
- OS: Android 4.0.4
- Flash: Internal 4GB NAND
- Ports: MicroSD Slot (up to 32GB card)
- Network: WiFi – IEEE 802.11 b/g/n
- Power Supply: DC-IN – Micro-USB
- USB: USB – Micro USB(OTG) plus USB host
- HDMI: HDMI 1.4 Port/ CEC

Controller:

Mouse: Gyroscopic, Gesture mouse with QWERTY keyboard RF

Protocols Support:

- Audio - Music Player (MP3/WMA/WAV/OGG/AAC/FLAC/3GP...)
- Video - Movie Player (MPEG2/4/AVI/WMV/MKV/MOV/RM/RMVB...)
- Video decoder 1080P@60FPS
- Video encoder 1080P@30FPS

Parameters:

- Length – 82mm
- Width – 26.5mm
- Height – 13.8mm
- Weight – 30g

* Specifications subject to change without notice.



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