

GMM Z HD IPTV User Manual

STB Brand: GMMZ, Model: ZiPTV



กล่องทีวีดาวเทียม GMM Z
รุ่น HD

Overview

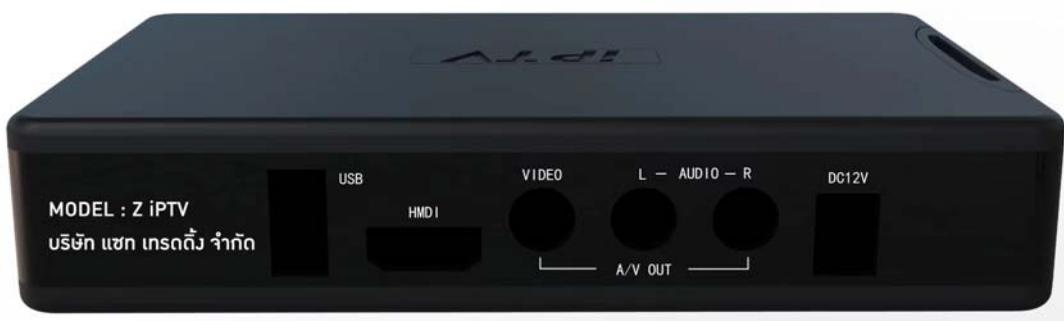
- Support video decode H265/HEVC, MPEG4, MPEG2 SD/HD,

H.264/AVC SD/HD, AVS, AVS+, VC1

- **Support audio decode MPEG-1 layer I/II, MP3, MPEG-2 layer II, HE AAC.**
- **OSD menu support Thai and English language.**
- **Variable aspect ratio (4:3, 16:9) with Pan Vector or Letter Box.**
- **Tele text and Subtitle Supported.**
- **Capacity for storing IPTV Channel (5000 channels)**
- **HDMI 1.4a (High Definition Multimedia Interface) supported.**
- **USB 2.0 Supported (SW / Channel data transfer/Media play).**
- **Support External Hard format FAT/FAT32/NTFS**
- **OTA By Server (Manual and Force).**
- **Support media player MPEG2, DAT, FLV, DivX, XviD, VOB, MKV, MOV, MPEG4, TS and AVI.**
- **Support pictures format JPEG, BMP, and PNG.**
- **Support build-in wifi**
- **Support YouTube, Tiktok, DLNA and so on.**



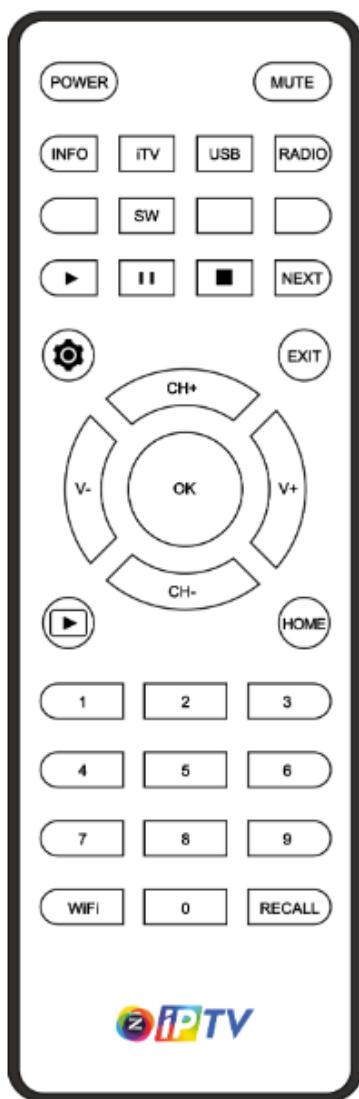
Rear Panel



1. USB IN
2. HDMI OUT
3. VIDEO
4. L-AUDIO
5. R-AUDIO
6. DC12V

Remote Control

This section describes how to operate the STB using the buttons on the remote controller.



The installation of STB enables you to watch a TV program and listen to a radio program. To switch STB from stand-by mode, press the **STANDBY** key on the front panel or press the **POWER** key on the remote controller. You can go back to stand-by mode by pressing the **POWER** key on the remote controller.

You can select a channel by using **CH+/CH-** key or the numeric keys on the remote controller. Press **V-/V+** key on your remote controller to increase or decrease the sound level. You can turn the sound off with the **MUTE** button. The MUTE icon indicates the sound muted. Press the **MUTE** button once again to turn the sound on. You can use **CH+/CH-** and **V-/V+** key to change menu.

A. Power Key

The **Power key** is used to switch STB from stand-by mode or go back stand-by mode.

B. Mute Key

The **Mute key** is used to turn the sound on/off.

C. INFO Key

You can see the current channel information by pressing the **INFO key**.

D. iTV Key

The **iTV key** is a hot key for Internet TV under home page.

E.USB KEY

Press to enter the USB file browser under home page.

F. RADIO Key

The **RADIO key** is a hot key for Radio Onliness under home pagess.

G. ► KEY

The **►** keys are used to play the media file or Mp3 playing.

H. || KEY

The **|| key** is used to freeze the current video frame on TV mode.

I. ■ KEY

Press **■** key to pause the media file or Mp3 playing.

J. NEXT KEY

Press next key to enter the next usb file

K. ○ Key

The **○ key** is used to display the main menu.

L. EXIT Key

The **EXIT key** is used to return to normal viewing without storing settings; when all OSD is cleared, this key can be

M. OK Key

The **OK key** is used to see program list or to confirm operation on the menu.

N. CH+ / CH- KEY

The two keys are used to increase or decrease the channel.

O. V+ / V- KEY

The two keys are used to increase or decrease the volume.

P. ▶ KEY

The **▶ key** is a hot key for Youtube under home page.

Q. HOME KEY

The **HOME key** is a hot key for Home page under any menu.

R. WiFi key

The **WiFi key** is a hot key for wifi setting under home page.

S. RECALL key

Press **RECALL key** is used to play the last channel.

T. SW key

The **SW key** is a hot key for sw information show under home page.

Troubleshooting

Problems	Solution
Does not display any message on Front Panel.	Check the main power is plugged into a suitable power outlet.
No video and no audio.	<ol style="list-style-type: none">1. Check if the wifi is connected correctly.2. Check if the network is working3. Check with the box supplier..
Poor picture quality and picture blocks are displayed.	Check the wifi network's quality
Remote controller does not work.	<ol style="list-style-type: none">1. Check batteries.2. Position remote control to STB.

1. STB Mechanical

STB Mechanical	147mm(Wide)*92mm(Distance)*30mm(High)
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Clock

CPU clock	720MHZ
Memory clock	1066 MHZ
System Clock:	24/27MHZ

Video Decoder

Video Decode	MPEG-2video(ISO/IEC13818-2)MP@ML; MPEG-4, H.264, H.265
Aspect Ratio	16:9 wide screen, 4:3 letter box, 4:3 pan scan

Audio Decoder

Audio Decode	MPEG-2audio(ISO/IEC13818-3); MPEG-1audio(ISO/IEC11172-3);
Sound Mode	Left, Right, Stereo.
Sampling Frequency	16Hz~48KHz

Environment

Input Voltage	AC90~285VAC (External Adaptor 12V/1A)
Consumption	Max 12W, Standby <1W
Temperature	-20~50
Humidity	<95%

Accessories

Remote Control Unit	1*35 Keys RCU
battery	2*1.5V AAA
Adapter	1* Adapter 12V/1A(or 1.5A)
HDMI Cable	1*1 Meters of HDMI Cable.
User' Guide	1*User' Guide

FCC Warning

This device complies with part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

Any Changes or modifications not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.