

WARNING: This product contains chemicals known to the State of California to cause cancer and birth defects or other reproductive harm. *Wash hands after handling.*

Warning: Changes or modifications to this unit 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 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.

FCC RF Radiation Exposure Statement Caution: To maintain compliance with the FCC's RF exposure guidelines, place the product at least 20cm from nearby persons."

The OEM integrator has to be aware not to provide information to the end user regarding how to install or remove this RF module in the user's manual of the end product which integrates this module. The end user manual shall include all required regulatory information/warning as shown in this manual.

The transmitter module can not be located with any transmitter or antenna. The Module shall be only used with listed antenna(s) that has been originally tested and certified with this module.

End product labeling: The final end product must be labeled in a visible area with the following: Contains FCC ID: 2AHVHLG8864
FCC Radio Frequency Interference Requirements:

High power radars are allocated as primary users of the 2.412-2.462GHz, and 2.422-2.452GHz, 5.15-5.25 GHz and 5.725-5.850GHz bands. These radar stations can cause interference with and/or damage this device. This device cannot be co-located with any other transmitter.

Product Description

TWFP-M601D is a high-gain and low power consumption wifi module. You can use it on IEEE802.11a/b/g/n/ac wireless Local Area Networks and USB 2.0 Wi-Fi Dongle. It fully complies with IEEE 802.11a/b/g/n and IEEE 802.11ac feature rich wireless connectivity at high standards, delivers reliable, cost-effective, throughput from an extended distance.

Product Features

- ◆ Complies with IEEE 802.11g; 802.11b; 802.11n standard for 2.4GHz Wireless LAN. 802.11a/n/ac standard for 5GHz Wireless LAN.
- ◆ Supports Ad-Hoc/Infrastructure modes
(This device supports Ad-Hoc mode, however Ad-Hoc is only possible in the channels 2.412-2.462GHz and 2.422-2.452GHz and 5.15G-5.25G and 5.725-5.850GHz as this is fixed in the firmware of the module, it can not operate outside the certified channels as indicated in this FCC certification filing.)
- ◆ Works with all existing network infrastructure.
- ◆ Supports Wi-Fi Protected Setup (WPS) configuration function
- ◆ Capable of up to 128-Bit WEP Encryption.
- ◆ Freedom to roam while staying connected.
- ◆ 22-Mbps Packet Binary Convolution Coding (PBCC)
(according to the IEEE Std 802.11b high-rate specification).
- ◆ UP to 78 Mbps High-Speed Transfer Rate in 802.11ac mode of operation.
- ◆ Supports Windows 2000, XP32/64, Vista32/64, Linux
- ◆ Low power consumption.
- ◆ Easy to install and configure.
- ◆ The HDMI port for debugging only.
- ◆ Operating temperature: 0 - 40 deg C

Responsible Party:

LG Electronics USA, Inc.
1000 Sylvan Ave
Englewood Cliffs, NJ 07632
Tel: 1-800-243-0000

IMPORTANT SAFETY INSTRUCTIONS

For Wi-Fi Module: TWFP-M601D

CenturyLink® Player
S60CLI

