Amp'ed RF WF61 Module Streams 4k High Res Video Over 5GHz Wi-Fi for Video IoT Devices

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SAN JOSE, California, July 12, 2017 /PRNewswire/ -- Amp'ed RF Wireless Technology, an international provider of advanced IoT wireless modules, announces the availability of its WF61 module. A module specifically designed to make wireless streaming video supporting up to HD 4k imaging.

As image processing technology improves, we're seeing more connectivity bandwidth bottle necks. Infrastructure needs to improve to support 4k imaging.

The WF61 brings together the speed and throughput of dual band Wi-Fi enabling crisp clear high-resolution video" said Kelly Simone of Amp'ed RF Wireless Technology.

The WF61 supports both 2.4 GHz and 5 GHz Wi-FI bands. The 5 GHz band can handle the greater bandwidth needed for HD 4k imaging.

Just as good wine complements good food, we compliment feature rich Image Signal Processing (ISP) AP's chips to enhance the end customer experience. We partner with ISP companies to offer a complete visual customer experience over Wi-Fi.

The Amp'ed RF WF61 module is an ideal fit for

- Pet/home/baby monitors
- IP security cameras
- Doorbell cams
- Body cams
- Wearables

- Automotive dashcams or backup cameras

Amp'ed RF provides the Linux kernel to ensure fast development of WF61 applications.

"When you look at 720p security video, it looks grainy at best. No clarity in the image. It may also suffer from frozen frames while the audio falls out of sync with the image," said Naz Usmani, Vice President of sales at Amp'ed RF. "In the case of security cameras with 720p, you can't see clear facial recognition which is arguable in court." 4k High resolution clear video is important for security and safety applications.

The WF61 is a surface mount Wi-Fi module supplied on a 44 pin, 6-layer PCB.

Specifications of WF61

- 802.11 a/b/g/n
- Size: 12.0 x 12.0 mm
- Dual band 2.4 GHz and 5 GHz support
- Integrated 5 GHz PA/LNA
- External host
- Soft AP, WiFi Direct, STA+AP Concurrent mode
Production WF61 units are available now from naz@ampedrftech.com

About Amp'ed RF

Amp'ed RF was founded in San Jose, California in 2009 and quickly grew to an international provider of wireless chips, modules, system integration and protocol stacks with facilities co-located in Tianjin, China and San Jose, California. The company offers a vast range of low-cost, high-quality ICs and modules.

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