

- 600mW (+28dBm) typical output power
- 6-25V input voltage, 2S-6S LiPo compatible
- Typical power consumption of just 3W at any input voltage
- Super-quiet, high efficiency switching regulator
- Small, light weight, all-in-one A/V transmitter solution
- Robust and durable locking connectors
- 5V power output, ideal for powering cameras
- No interference with sensitive RC equipment by design
- High bandwidth video
- High bandwidth stereo-audio
- Composite video input at 1Vpp/75 ohm
- Two sets of A/V connectors, for easy patch-in of an audio source
- 7 channels (5740, 5760, 5780, 5800, 5820, 5840, 5860), PLL synthesized
- FM Audio/Video Modulation
- 50 ohm antenna impedance.
- Weight: 18-grams.
- Size : 50 x 23 x 15 mm.
- Requires airflow for cooling, do not mount in an enclosed area
- Must be used with an antenna at all times
- May require a license to operate

## ImmersionRC 600mW 5.8GHz

### Audio/video transmitter

Forget about bulky CCTV transmitter modules modified for FPV use or unreliable transmitters requiring elaborate cooling solutions. The ImmersionRC 600mW 5.8GHz audio/video transmitter is designed specifically for FPV use by ImmersionRC, and thus it is backed by a manufacturer with years of experience flying FPV and designing FPV specific products that are built to last.

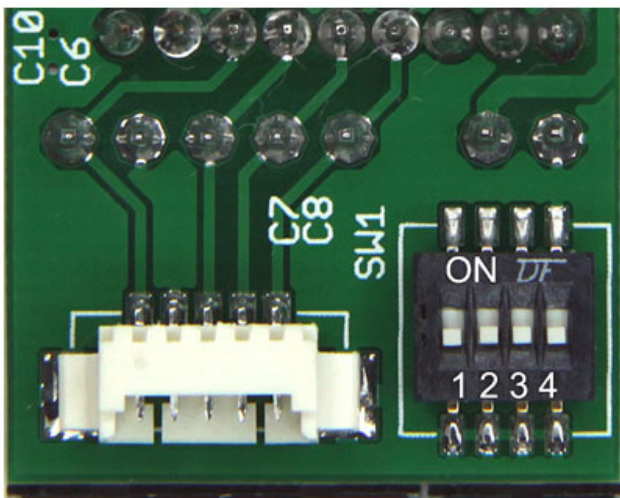
ImmersionRC's 600mW 5.8GHz audio/video transmitter is engineered to offer a level of performance, reliability and flexibility you won't find elsewhere. It is a self contained audio/video transmitter that just needs an input voltage of 6-25V to power it. A 5V camera can be connected directly as the audio/video transmitter provides clean, noise free 5V power output, so establishing a working wireless audio/video link only requires the ImmersionRC 600mW 5.8GHz audio/video transmitter, a 6-25V power source and a suitable 5V camera. Alternatively a 12V camera can also be used when teamed up with the ImmersionRC 5V to 12V step-up regulator.

The ImmersionRC600mW 5.8GHz audio/video transmitter was designed with an eye for every detail. It features robust and durable locking connectors so forget about connectors that work themselves lose during a flight. Another important part of the design is the super quiet, high efficiency regulator that has zero interference with your video image, or any other sensitive RC equipment. Adding to that is its diminutive size and the fact that it consumes a mere 3W and doesn't need an elaborate cooling solution makes it ideal for all your FPV applications.

ImmersionRC – Real Virtuality



Figure 1. The diminutive size, measuring just 50x23x15mm, that's 40% smaller than its predecessor.



1	2	3	4	
off	off	off	x	5860MHz
on	off	off	x	5860MHz
on	on	off	x	5820MHz
on	on	on	x	5740MHz
off	off	on	x	5800MHz
off	on	on	x	5760MHz
on	off	on	x	5780MHz
off	on	off	x	5840MHz