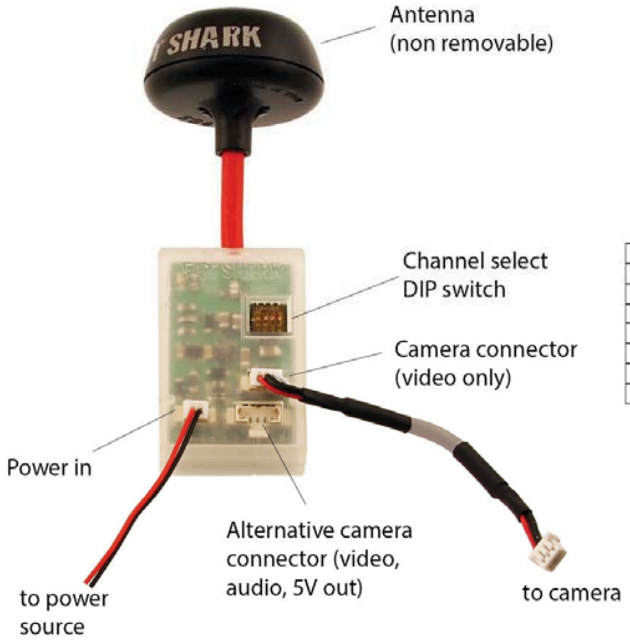
FAT SHARK
RC VISION SYSTEMS

Model FSV2461 (FCC compliant 5G8 TX, ID# 2ABYQFSV2461) **Spec Doc REV A**



Channel select chart:

	1	2	3	4
Ch1 5740 MHz	On	On	On	N/A
Ch2 5760 MHz	Off	On	On	N/A
Ch3 5780 MHz	On	Off	On	N/A
Ch4 5800 Mhz	Off	Off	On	N/A
Ch5 5820 MHz	On	On	Off	N/A
Ch6 5840 Mhz	Off	On	Off	N/A
Ch75860 MHz	On	Off	Off	N/A

Operation:
Power is supplied via the 2p power in connector. 5V is supplied to the camera via the 3p camera connector. When connected to a compatible camera, the camera image is transmitted via the transmitter and antenna. The channels can be selected the 4p DIP switch (see chart). An alternative 5p connector is provided for connecting sources that use the stereo audio channels.

Specifications:

Power supply	6 - 17V (2S-4S supply)
Power consumption:	75mA @7.4V (+camera supply)
Power out (to camera)	5V, 350mA max
Transmitting range:	Approximately 200m
Operating Frequency:	5G8 (see above frequency chart)
Antenna type:	fixed circular polarized
Dimensions:	39 (+44 antenna) X 26 X 14 mm
Weight:	19g (with antenna, no cables)

Connector Function (from left to right)
2p: V+ (6-17V), GND
3p: 5V, GND, VID
5p: 5V, GND, VID, AUDL, AUDR

Packaging

Dimensions:	120 x 40 x 18 mm
Weight:	40g

Note: 5p connector is for connecting cameras with audio or ImmersionRC TinyTelemetry accessory (adds Telemetry data to audio channel so plane can be tracked with the ImmersionRC antenna tracker for longer range)

1. 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.

2. 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.