


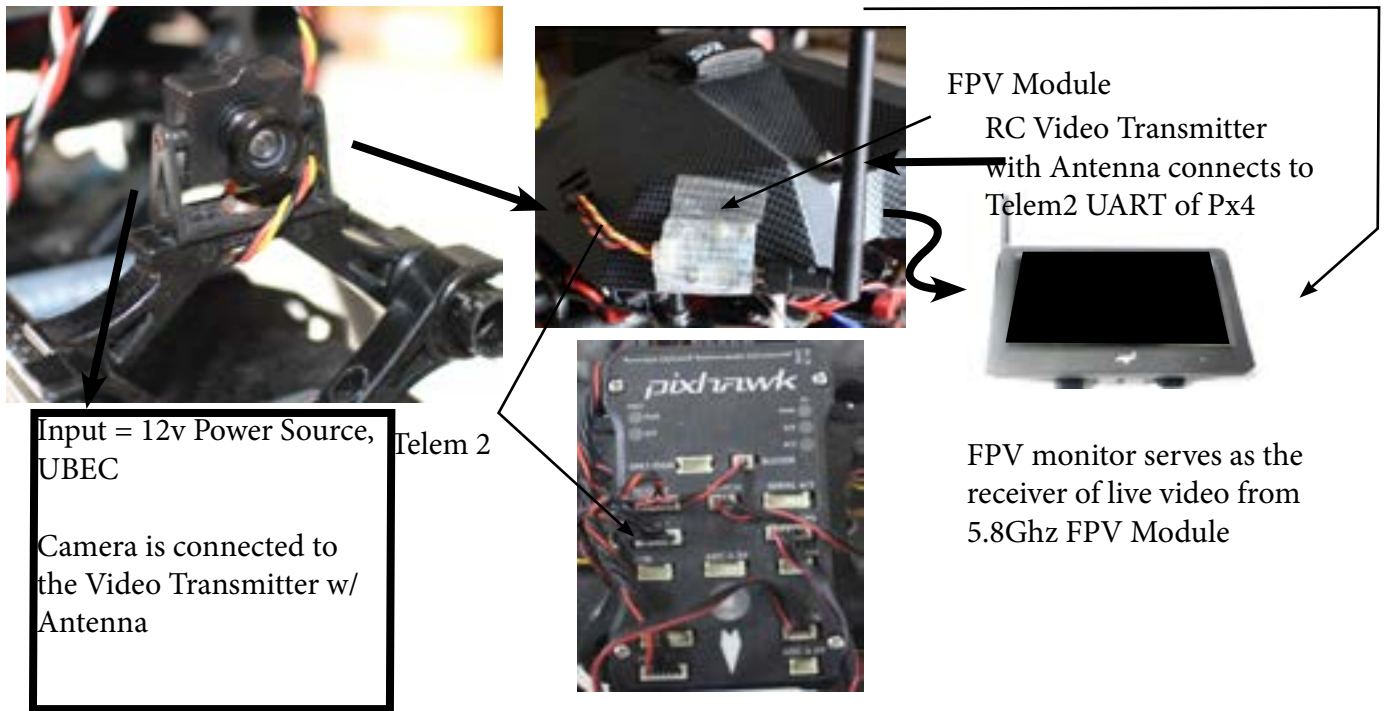


FPV (Telem2)

ITEM	MODEL	SPECIFICATIONS AND KIT INCLUSIONS
FPV Mod- ule	<p>FPV Module- ImmersionRC Raceband 5.8GHz 200mW AV Trans- mitter Module for FatShark</p>   	<p>5.8Ghz Transmitter Specifications:</p> <ul style="list-style-type: none"> • Transmission frequency: 5725-5865MHz; Eight channels • Transmission power: 23dBm/200mW • Transmission distance: >2000m • Frequency control: Built-in frequency PLL • AV Input: Direct input video signals • Power supply voltage: 6.5-15V • Power supply current: 200mA • Outsize: 55*26*17mm <p>5.8Ghz Receiver Specifications:</p> <ul style="list-style-type: none"> • Receive frequency: 5725-5865MHz; Eight Channels • Receiving sensitivity: -90dBm • Frequency control: Built-in frequency PLL • Dual AV output: Direct output video signals • The antenna interface: SMA(The needle) • Power supply voltage: 6.5-15V • Power supply current: 150mA • Outsize: 61*52*13mm , Aluminum alloy shell <p>Features:</p> <ul style="list-style-type: none"> • 1. 37MHZ frequency seperation allows for flying up to 8 pilots simultaneously • 2. Onboard quiet switching regulator, powers 5V cameras • 3. Not affected by 2.4GHz R/C radios! • 4. Frequencies: 5740, 5760, 5780, 5800, 5820, 5840, 5860 MHz (ImmersionRC/FatShark) • All standard channels within the US/EU ISM Band • 5. Frequencies: 5658, 5695, 5732, 5769, 5806, 5843, 5880, 5917MHz (RaceBand) All Raceband channels legal using a Ham license within the USA • 6. Raceband Channels 1-6 legal using a Ham license within the EU <p>Package Included:</p> <ul style="list-style-type: none"> • 1 x ImmersionRC Raceband 5.8GHz 200mW A/V Powerful Transmitter; • 1 x 2.15dBi 5.8GHz omni-directional antenna (SMA male connector); • 1 x Video cable (20cm 5-pin Molex-SL terminated in wire ends); • 1 x DC power cable (24cm 2-pin Molex-SL terminated in BEC

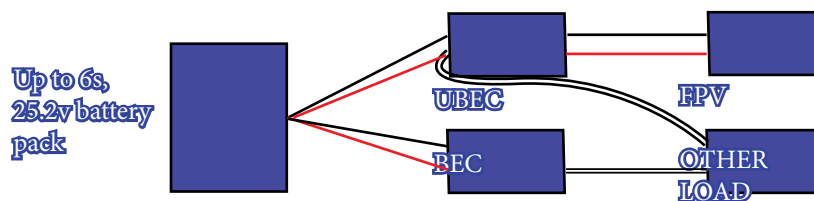
Mount the Telemetry module for FPV on the backside of canopy (5.8Ghz) Connect module to Telem 2 UART of Pixhawk.

FPV (Telem2)



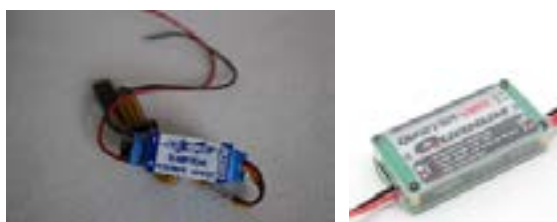
This first person view system is perfect for UAVs, drones, and remote control vehicles. This complete package comes with a monitor, camera, transmitter, receiver, and accessories.

The 5.8GHz system is a great option for those who wish to utilize FPV without interference problems associated with common household 2.4 GHz wireless and model radio control systems. The 200mW 5.8 GHz transmitter and receiver are capable of broadcasting your video wirelessly.



Wiring Connection of BEC and UBEC.

UBEC supplies a regulated 12V to an FPV device. BEC on the other hand has a 10A rating enabling the system to support more accessory devices.



BEC, 10A peak

BEC, 12V Regulator