



# FPV CAMERA WITH PAN & TILT

PART No. FPVCAM-420  
Rev B



## SPECIFICATIONS

### Electrical

Recommended Voltage: 3.6VDC - 5.0VDC.  
Maximum Voltage: 5.5VDC.  
Current: 60mA.  
See notes 1 and 2.

### Mechanical

Size: 1.13 x 0.48 x 0.25 inches (29 x 12 x 6 mm).  
Weight: 32 grams (11g without Pan/Tilt).  
High impact plastic case.

### Imager

Sensor: CMOS, 2<sup>nd</sup> Generation  
Resolution: 420 TVL  
Video Format: NTSC or PAL (please specify)

### Pan/Tilt Mechanics

Brackets: Plastic, two piece yoke design.  
Servos: Micro 9g Type, universal R/C connectors.

### A/V Cable

Three-wire cable with servo style connector.  
See photo at right for A/V signal pinout.

FPVCAM-420 VIDEO CABLE PINOUT



WHITE: Video  
RED: +5VDC  
BLACK: Ground

**NOTE: Do not exceed 5VDC**

Note 1. Operating voltages higher than 5.5VDC must use voltage regulator accessory #FPV-VREG1 (available separately).

Note 2. Warning: No protection against reverse or excess voltage. Doing either will destroy the camera and void the warranty.

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Manufactured by Fat Shark RCV Vision Systems  
Made in China

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