

FAT SHARK

RC VISION SYSTEMS



Fat Shark Specification Document

Model Number: 1203
Model Name: 600TVL CMOS Camera on pan tilt
Document Revision/Date: Rev A/ 09.20.2014

Product Description:

The Fat Shark 600TVL CMOS Camera is "FPV tuned" for fantastic light handling in all flying conditions. This pan/tilt version is paired with a 3.6 mm lens which provides a suitable viewing angle for flying with head tracking. A robust 180° metal gear servo is used on pan axis.

Specifications:

Electrical:

- Power Supply: 4.5~6 (powered off TX)
- Power Consumption: 60mA @5V
- Servo Cable Function:
 - Orange Line: Control Signal
 - Red Line: Power Input
 - Brown Line: Ground



Operation:

- Operating Temperature: -20~70°

Imager:

- Sensor: 1/3" CMOS
- Format: NTSC or PAL (selectable; jumper on = PAL).
- Feature: FPV Tuned Light Handling

Lens:

- Focal Length: 3.6mm (IR coated)
- FOV: Diagonal 90° (ideal for pan/tilt camera)

Pan/Tilt:

- Pan: Digital
- Tilt: Analog
- Angle of Rotation: 180° (pan)/60° (tilt)

Mechanical:

- Square: 21 X 21 X 12mm
- Lens extrude: 15mm X 14mm (diameter)
- Weight: 50 g

Packaging:

- Dimensions: 101 x 68 x 44 mm
- Weight: 60g