

# FAT SHARK

## RC VISION SYSTEMS



### Fat Shark Specification Document

**Model Number:** 1401  
**Model Name:** "GoPro" Lens (CMOS/CCD)  
**Document Revision/Date:** Rev A/ 08.09.2014

#### Product Description:

Frame your GoPro shots by upgrading your flight camera with this wide angle lens so you see what the GoPro sees. It works with both Fat Shark CMOS and CCD cameras. This lens can also be used to upgrade the PilotHD camera to record GoPro style wide angle shots.

#### Specifications:

##### *Optical:*

- Sensor Type: 1/3 " CMOS
- Angle of View: Diagonal 122° (~150° on PilotHD's 1/2.5 " imager)
- Focal Length: 2.1 mm ± 5%
- F-number: 2.8
- Back Focal Length: 4.93 mm
- Flange Back Length: 3.05 mm ± 0.3
- Wave Length: 650-940 nm
- Lens Construction: 6G+IR
- Iris: Fixed
- IR cut filter: Available



##### *Mechanical:*

- Thread Size: M12 x P0.5 mm
- Dimension(D x L): Φ17.4 x 19.5 mm
- Weight: 7 g

##### *Packaging:*

- Packing Method: PET Anti-static Plastic Bag

#### Operation:

Simply screw this lens in your Fat Shark CMOS camera as a replacement, make proper adjustment of focus, and you are ready to fly.