



## Fat Shark Specification Document

**Model Number:** 1421  
**Model Name:** 2.8mm CCD Lens (no IR Cut)  
**Document Revision/Date:** Rev A/ 10.14.2014

### Product Description:

The 2.8 mm wide angle CCD Lens is an optional lens replacement for Fat Shark 420L and 700L CCD cameras.

### Specifications:

#### *Optical:*

- Sensor Type: 1/3 " CCD
- Angle of View: Diagonal 100°
- Effective Focal Length: 2.8 mm
- F-number (Infinite): 2.5
- Back Focal Length: 5.1 mm
- Flange Back Length: 4.25 mm
- Wave Length: 650-490 nm
- Element: 4 Elements
- IR cut filter: Not Available

#### *Mechanical:*

- Thread Size: M12 x P0.5 mm
- Dimension(D x L):  $\Phi 14$  x 17 mm
- Weight: 4.6 g

#### *Packaging:*

- Packing Method: Packed with PET anti-static plastic bag.



### Operation:

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