



## Fat Shark Specification Document

**Model Number:** 1615  
**Model Name:** Pan/Tilt with 180MG Pan Servo  
**Document Revision/Date:** Rev A/ 08.08.2014

### Product Description:

Latest pan/tilt assembly for the 600TVL fixed CMOS camera has been upgraded with a 180 degree metal gear servo for increased head tracking motion and durability. The mechanism's CG is axially distributed to prevent tilt servo from stripping on hard landing. Camera cable (included) feeds through the mechanism which limits flexing and prevents cable failure.

**NOTE:** This Pan/tilt may be used with other cameras but some modifications may need to be made.

### Specifications:

#### Electrical:

- Pan: Digital (Metal Gear )
- Tilt: Analog (Plastic Gear)
- Working Voltage: 4.5~6 volts
- Angle of Rotation: 90° Left/Right (Pan)  
30° Up/Down (Tilt)

#### Mechanical:

- Size: 68 x 42 x 31 mm
- Weight: 35 g

#### Packaging:

- Inner Packing: PE Plastic Bag
- Dimensions: 101 x 68 x 44 mm
- Weight: 53 g

### Operational Advice:

Camera cable is preinstalled and is plug/play with Fat Shark 600TVL CMOS camera and ImmersionRC / Fat Shark transmitters. Refer to the following diagram for proper cable connecting:

