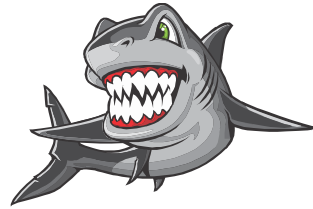


FAT' SHARK

RC VISION SYSTEMS



Fat Shark Specification Document

Model Numbers:	FSV1231 (PAL) FSV1232 (NTSC)
Model Name:	600TVL CCD Camera V3
Certifications:	CE / FCC Certified
Document Revision/Date:	Rev A / 02.07.2017

Product Description:

The 600L CCD Camera utilizes 1/3" SONY CCD imager for fantastic light handling and stunning clarity. The camera cable has an integrated control stick for navigating the camera OSD to fine tune your personal preferences. Fat Shark branded plastic shell is sleek and lightweight and the bracket is designed for easy mounting to a pan servo as well as compatible with Fat Shark's pan/tilt/roll mount (accessory). V3 case now is also added with top pivot for mounting on ImmersionRC Vortex racing quad. An extra no control stick cable is included for lightweight or space limited installs.



Specifications:

Electrical:

● Power Supply:	DC 4.5-5.5V
● Power Consumption:	170mah@5V
● System:	PAL/NTSC
● 4p JST Cable (w/ stick)	
Red:	5V DC in
Black:	Ground
Yellow:	Video
White:	OSD Control Signal

Optics:

● Lens:	2.9 mm (IR cut)
● FOV:	Diagonal 125°
● Pick up Device:	1/3" SONY CCD
● Picture Elements:	PAL: 720Hx576V / NTSC: 720Hx480V
● Min Illumination:	0.001LUX/F1.2

Display:

● Resolution:	600TVLines
● Gain Control:	Auto/Manual
● Backlight Compensation:	Auto/Manual (HLC)
● White Balance:	Auto
● Video Output:	1.0V p-p (75Ω BNC)

Operation:

● Operating Temperature:	-20 to 70°C
● OSD Menu Selection:	Central Control Stick

Mechanical:

● Dimensions:	33.2 x 38 mm
● Cable Length:	30 cm
● Camera Weight:	12.9g
● Cable Weight:	9 g (with stick) / 5 g (no stick)