

FAT SHARK

RC VISION SYSTEMS



Fat Shark Design Specification Document

Model Number: FSV1045
Model Name: Attitude V3
Document Revision/Date: Rev B/ 9.10.2015

Overview:

The Attitude V3 with interlaced 3D support literally adds a new dimension to FPV. For serious FPV racers, 3D is not a gimmick; the depth perception advantage of 3D gives an immense advantage over 2D hobbled competitors (not to mention massive fun factor). The FPV racing theme extends to the addition of a modular receiver bay for multiple bands to allow even more pilots to fly together. Attitude V3 ships with the new 32-channel Race Band receiver. AttitudeV3 is compatible with the Fat Shark fan equipped faceplate for extra comfortable fit and fog free viewing (not included).

Specifications:

Optics:	
FOV (field of view):	32°diagonal (Image size: 1.3m @ 2m)
InterpupillaryDistance(IPD):	59 to 69 mm (adjustable)
Optional Diopter Lens Inserts:	-2, -4, -6 dpt
Display:	Full color LCD polarized LED backlit Binocular display (640 X 480 VGA) NTCS/PAL auto selecting 2D/3D interlaced
Audio:	Stereo (requires adjustable volume earphone accessory)
User Controls:	Channel selection/ head tracker reset Mode selection (wired/wireless) Contrast/ brightness control/ 2D/3D (center press cycles 2D, 3D and 3D swapped sides)
Electrical:	
Power supply:	7 - 13 V (2S/3S supply)
Power consumption:	300mA wireless 150mA direct mode (RX off) (@7.4V nominal)
Battery:	7.4V 1000mAh
DVR:	None
RF Modules (Optional):	multi channel and band support (modular RF)
Head Tracker:	2-axis 9 DFO
Interface:	3.5mm AV in/out port Power in port 3.5mm stereo earphone port Mini DIN head tracker data port
Mechanical:	Ergonomic molded headset w/ adjustable headband Secured rubber eye cups for ambient light reduction
Weight:	167g
Package size:	0.5kg, 21*14*7cm