

FAT SHARK

RC VISION SYSTEMS



Fat Shark Specification Document

Model Number: FSV1074
Model Name: Dominator HD2
Certifications: FCC/CE
Document Revision/Date: Rev B/ 09.21.2015

Product Description:

Dominator HD2 is 3D modular wireless FPV headset that displays both analog (PAL/NTSC) and digital (HDMI) sources in 2D and 3D (side/side format). Integrated DVR records analog video for lost model recovery and fan faceplate ensures maximum comfort and defogging. LED indicator battery instantly shows remaining battery life.

Specifications:

Optics:	
FOV (field of view):	50 degrees diagonal
Type:	plastic /glass hybrid optics
Interpupillary Distance (IPD):	59 to 69 mm (adjustable)
Optional Diopter Lens Inserts:	-2, -4, -6 dpt
Display:	800 X 600 (SVGA) LCD Polarized LED backlight NTCS/PAL auto selecting Side/Side 3D
Audio:	Stereo
User Controls:	Channel Selection Volume Control Mode Selection (Wired/Wireless) Display Control DVR Control HT Control
Electrical:	
Power Supply:	7 - 13 V (2S/3S supply – fan plate only accepts 2S input)
Power Consumption:	440mA wireless/ 250mA direct mode (no RX) (@7.4V nominal)
RF Modules (Optional):	Infinite channel support on multiple bands
Head Tracker (Optional):	Modular (sold separately)
Analog DVR:	Micro SD support to 32Gb Record Rate: 6Mbps (MJPG compression, 30 fps, AVI) File playback (native recording, no codec support) Upgradeable via SD card
Battery:	7.4V, 1.8A (13.32 Wh)
Interface:	3.5mm AV in/out port Power in port 3.5mm 3p earphone port MiniDIN4 data port (head tracking) Micro SD Mini HDMI (720p 50/60 Hz) RF module port
Mechanical:	Ergonomic molded headset w/ adjustable headband
Dimensions:	169.2 x 80 x 45.5 mm
Weight:	152 g
Package size:	0.7kg, 22*14*9cm