

FAT SHARK

RC VISION SYSTEMS



DOMINATOR SPECIFICATION DOCUMENT REV A

Optics:

Glass lens with refractive optical engine
 FOV (field of view): 30 degrees diagonal
 Interpupillary (IPD) distance: 63.5mm (fixed)
 Optional diopter lens inserts: -2, -4, -6 dpt
 Image size: 45" @ 7'

Audio:

Stereo

User Controls:

Volume control
 Channel selection
 Mode selection (wired/wireless)
 Contrast/ brightness/ head tracker control

Electrical:

Power supply: 7 - 13 V (2S/3S supply)
 Power consumption (@7.4V nominal):
 370mA wireless mode
 200mA direct mode (no RX)

Antennae:

External (dipole or circular polarized compatible)

Mechanical:

Ergonomic molded headset
 Rubber eye cups for ambient light reduction
 Weight: 163g
 Adjustable headband

Display

Full color Kopin CyberDisplay
 Polarized LED backlight
 922,000 pixels binocular display
 640 X 480 VGA
 NTCS/PAL auto selecting

Interface

RF Module docking bay
 Head tracker docking bay
 3.5mm AV in/out port
 Power in port
 3.5mm 3p earphone port
 PS/2 DIN style head tracker port

Operating Frequencies (when equipped with optional RF modules):

2.4 Ghz Module	2414MHz, 2432MHz, 2450MHz, 2468MHz
5.8 Ghz Module	5740MHz, 5760Mhz, 5780MHz, 5800Mhz, 5820MHz, 5840Mhz, 5860Mhz

Note: Fat Shark headsets use Airwaves brand RF modules. Compatibility is only guaranteed with Fat Shark and ImmersionRC transmitters.

Package dimensions: 22 X 17 X 6.5 cm (approximately 0.6 kg)

