

FAT SHARK

RC VISION SYSTEMS



DOMINATORV2 SPECIFICATION DOCUMENT REV C 7/5/2014

Optics:

FOV (field of view): 32 degrees diagonal
Plastic optics (binocular 6p direct view optical engine)
Interpupillary (IPD) distance: 57 to 73 mm (adjustable)
Optional diopter lens inserts: -2, -4, -6 dpt

Audio:

Stereo

User Controls:

Channel selection
Volume control
Mode selection (wired/wireless)
Contrast/ brightness control
DVR control
HT control

Electrical:

Power supply: 7 - 13 V (2S/3S supply)
Power consumption (@7.4V nominal):
360mA wireless mode
210mA direct mode (no RX)

RF Modules (optional):

43 channel support on 6 bands (1G3, 2G4, 4 x 5G8)

Mechanical:

Ergonomic molded headset w/ adjustable headband
Secured rubber eye cups for ambient light reduction
Weight: 181g

Display

Full color Kopin CyberDisplay
600 X 480 VGA
NTCS/PAL auto selecting
HDMI support: 720x480p

Head Tracker

Modular (sold separately)

DVR:

MicroSD support to 32Gb
Record rate: 6Mbps
MJPG compression, 30 fps, AVI
File playback (no codec support other than native recording)
Upgradeable via SD card

Battery:

1000mAh, 7.4V Lithium Polymer

Interface

3.5mm AV in/out port
Power in port
3.5mm 3p earphone port
MiniDIN4 data port (head tracking)
MicroSD
MicroHDMI
RF module port



(ship weight approximately 0.6 kg)