

eyeQuad UAV Camera

eyeQuad - Very Small and Lightweight Camera with Fast Zoom Control



rinicom
secure communications

- ✓ Multi Lens Zoom Camera
- ✓ Single Frame Zoom Function
- ✓ Choice of Lens Payload
- ✓ Very Small Size
- ✓ Light Weight
- ✓ RC PWM Control

The eyeQuad UAV camera is an advanced surveillance product featuring four independent image sensors, offering 4 different levels of zoom. Single frame zoom switching in a package just 56mm by 38mm.

The standard focal lengths are 2.95mm, 6.1mm, 12mm and 25mm. The lenses are replaceable. An enclosure is available as an optional extra.

The eyeQuad UAV supports RC-PWM control for switching between image sensors. Analogue video output can be switched between PAL and NTSC. The image can be flipped and mirrored.



eyeQuad UAV
(With enclosure)



eyeQuad UAV
(Without enclosure)



eyeQuad UAV Datasheet

Video Camera

Sensor	4 x 1/4" CMOS
Aperture	F1.8 - F2.5
Resolution	NTSC (720Hx487V) / PAL (720Hx576V)
Responsivity	16.5V / lux-s @ 550nm
SNR	46dB
Focal length	2.95, 6.1, 12 & 25mm
Lens type	S mount (M12)
DC input	5VDC
Power consumption	1.95W
Protocol support	RC-PWM for video switching

Connections

RC Control	3-way 0.1" header (standard RC connector)
Video Out	10-way mini USB receptical (GoPro pin compatible)
Power	Either 0.1" header or 10-way mini USB

Physical

Dimensions	56mm x 38mm x 32mm (including lenses)
Weight	40 g (including lenses)
Casing (optional)	CNC machined Delrin

Accessories & Compatible Products

PodNode-R-SD
R1000 Tx
External Battery
RC Controller
RC Modem
Gimbal
Lenses

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