

# eyeQuad Camera

eyeQuad - Very Small and Lightweight Camera with Fast Zoom Control



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secure communications

- ✓ Pan Tilt Zoom Camera
- ✓ Single Frame Zoom Function
- ✓ Continuous Panning (Slip Ring)
- ✓ Choice of Lens Payload
- ✓ Very Small Size
- ✓ Light Weight
- ✓ RC Control Option for UAV Applications

The eyeQuad micro PTZ camera is an advanced surveillance product featuring four independent image sensors, offering 4 different levels of zoom. Single frame zoom switching, continuous pan and 238° tilt in a package just 72mm high and 55mm diameter.



eyeQuad

eyeQuad $\mu$

The standard focal lengths are 2.95mm, 6.1mm, 12mm and 25mm. The lenses are replaceable. The enclosure is made out of CNC machined Delrin.

The eyeQuad supports a variety of different protocols such as Pelco D, Pelco P and RC-PWM. Both PAL and NTSC are fully supported and configurable by software.



# eyeQuad 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
Field of view	60°-12° (horizontal)
Lens type	S mount (M12)
Pan & tilt range	238° tilt, continuous pan
DC input	5-22VDC
Power consumption	0.54W (Static), 0.98W (moving)
Connector	Binder 620 Series
Physical interface	RS232, RS485
Protocol support	Pelco D, Pelco P, RC-PWM

## Physical

Dimensions	55 x 55 x 72.7 mm (eyeQuad $\mu$ ) 55 x 55 x 88.5 mm (eyeQuad)
Weight	140 g (eyeQuad $\mu$ ) 150 g (eyeQuad)
Enclosure	IP rated
Casing	CNC machined Delrin
Tripod Mount	1/4" UNC

## Accessories & Compatible Products

PodNode-R-SD  
R1000 Tx  
External Battery  
RC Controller  
RC Modem  
RS232 / RS485 breakout PCB  
RC breakout PCB  
USB breakout PCB

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