

# The "Zero G" Five Axis Camera Mount

By KISS Engineering

*Keep it Simple Stupid*

**Remote heads and camera positioning systems**

Canberra Australia



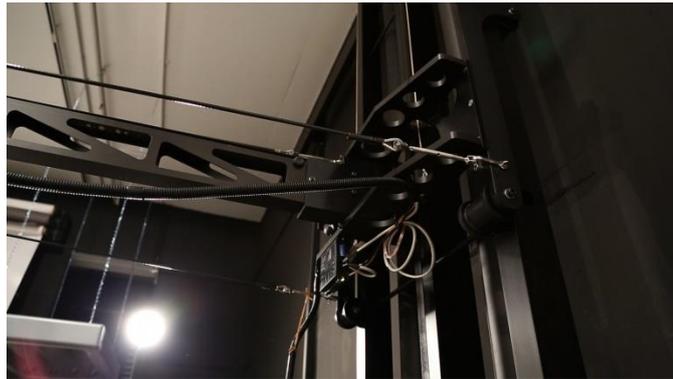
**The Zero G five axis Camera mount** is designed to allow the accurate positioning of a Video or stills camera anywhere within your studio space..... All with simple touch screen control. Repeatable positional accuracy of better than 1mm is achieved with the use of high precision DC servo motors, Zero backlash planetary gearheads and digital encoders. Full repeatable control of zoom and focus is also delivered.



**"Zero G"** is the design feature that makes this camera positioning system unique. The camera arm, camera dolly and camera head are all counterweighted so that if there should be a failure in the drive mechanism..... everything will float to the ceiling and not come crashing down on the subject or the operator. Safety with the Zero G five axis camera mount is assured.

**The Zero G Camera mount is made up of five major components.**

1. **The wall track.** Two horizontal tracks, length to suit your studio space, bolted directly to the studio wall. The track assembly includes an electric motor and sealed belt drive unit for exact positioning of the vertical track along the wall.
2. **The vertical track.** Two tracks, the height of your studio wall, allow a camera position anywhere between 0.3m above your studio floor and depending on pipe work, ducting etc. approximately 0.5m below your studio roof. The vertical track assembly includes an electric motor and sealed belt drive unit for exact positioning of the Camera Arm in the vertical axis.



3. **The camera arm.** The arm can be up to 4.5m in length depending on the depth of your studio. The camera arm assembly includes an electric motor and sealed belt drive unit for exact positioning of the Camera Dolly anywhere along the camera arm.
4. **The camera dolly.** The dolly runs along the length of the camera arm and is the mount for the two axis remote head.



5. **Two axis remote head.** The remote head gives the operators full control of pan and tilt positioning to enable that perfect shot.

Watch the video on YouTube: <http://youtu.be/w71alOwVeEA>

For more information or a personal presentation on how the Zero G Five Axis Camera mount can revolutionise your studio space, contact **Peter Daniell**.

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