Advanced R&D with small DC servomotor applications

Servo DC motors for a unique gyro-stabilised camera mount

Two of maxon motor Australia’s customers designed and commissioned a gyro-stabilized camera mount named Dingo Head. The Dingo Head when mounted to an Orbital Arm provides a 3 Axis gyro Stabilised platform for which a range of cameras can be fixed to capture that perfect travelling shot.

In recent weeks, the Research and Development department at UAV Vision has been busily working on many projects to increase the capability of their products. In addition to UAV’s product development, the R&D engineers have also been assisting other maxon motor customers that require the knowledge and skillset that drive UAV Vision success.

An Australian gripping services supplier named Black Bishop Films called on the experienced team at UAV Vision to finalise the design and commissioning of the Dingo Head.

Once completed, the Dingo Head was road tested and provided some remarkable results, as can be seen in the project video here.

maxon small DC servomotors contribute with extremely fast acceleration and low inertia.

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