

Remote Tilt Camera Mounts



Complete motorised camera unit, with rotation, tilt, focus and aperture control

Motorised versions of camera tilt mounts simplifies the setup and the calibration of nearly any experiment, whether 2D, Stereo or even 3D PIV. In the case of the 3D stereo Scheimpflug mounts, the camera angle, tilt angle and the complete lens control are remotely controlled by a dedicated software interface that communicates with the mount via RS232 links.

Remote angle and focus functions, in addition to being essential when working in large installations or on experiments with difficult access, enable users to optimise their stereo imaging setup directly from the PIV workstation, leading to significant savings in setup time, hence increasing productivity.

Features

- Modular
- Compatible with Canon EOS lenses
- software control
- RS232 control over more than 50m
- repeatability down to 0.005° or better

Specifications

- Motors: DC, with incremental encoder
- Position references: hardware endstops and reference stops
- Tilt angle range: +/- 20 degrees
- Rotation angle range: +/- 270 degrees or complete rotation
- Objectives supported: Canon EOS lenses best used with USM
- Software control: via RS232 link, software module supplied with mount
- External power supply (included)
- 19" controllers for motor control

