

ACS FRANCE

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Shotover M1



6 axes / Top Shot / 360° unlimited / Lightweight / Digital cinema & Live

The Shotover M1 is the most compact and lightest six axis stabilized head on the market. Even with its slimmed-down dimensions, it lacks none of the stabilizing capabilities of the Shotover F1 or K1. Its conception is based on a complete re-design, exploiting the latest advances in this domain. In spite of its small size, a wide range of cameras and lenses can be fitted, both for broadcast and cinema. The small size and light weight are an advantage both in terms of transportation and for the work for which it is designed: more efficient flying time in helicopter and reduced tension on the Cablecam®, meaning that the rig can now be installed in situations where weight and stress demands may once have precluded it. The camera package can be installed in the workshop and the system shipped ready to shoot, meaning less installation time on site. The design and lightness of this system mean that it can be installed on many different sorts of platform.

Media of use :



HELICOPTER



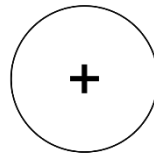
CABLE TRACK



CAMERA CAR



DOLLY TRACK



TAILOR MADE

Main characteristics:

- High performance six axis gyro-stabilization
- Extremely compact and lightweight: 25kg including camera and lens
- 360° pan, vertical look-down (tilt goes through to -110°)
- Fibre-optic video signal 3 x 3Ghz-SDI
- Transportable world-wide, 3 cases each less than 32kg
- Various accessories available: rainspinner, wireless control...

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Shotover M1

Technical specifications



STABILIZATION

- 6 axis, no gimbal lock
- High performance sensors without ITAR restriction
- Closed-loop multi-processor control
- In-house control algorithms

FIELD OF VIEW

- Continuous 360° pan (optical and electronic slip-rings)
- Tilt from +50° to -110°
- Roll +/-85° (manual or auto-horizon)
- Max. slew rate 100°/sec

DATA / COMMUNICATION

- 3x 3GHz-SDI or fibre optic video
- CAN Bus
- RS 422 Serial Bus
- Ethernet
- Metadata supplied: angle of pan, tilt and roll, altitude and GPS position, FIZ information

WEIGHT

- Empty weight: 18,9kg (41,6lbs)
- Operator control unit: 2,5kg (5,5lbs)
- Main cables set: 1kg(2,2lbs)

POWER

- 24 - 60 VDC
- 10A max (at 28V)

ENVIRONMENTAL

- Max. speed 200kts (360km/h)
- Operating temperatures: from -20°C to +50°C
- Weather resistant

OPERATOR CONTROL UNIT

- Light and compact
- 20 - 58 VDC
- Customizable overlay (monitor output)
- Adaptable for standard camera remote such as Sony RM-B750, Arri RCU-4, Canon RCV-100

OPTIONS

- Rain spinner
- Mitchell Mount