

AERING

AERIAL SHOOTING

Shotover K1



6 axis / Top Shot / 360° unlimited / Film – Digital cinema – 3D – VFX

The Shotover K1 has quickly established itself as the most powerful Gyro-stabilization system on the market and gives new possibilities for directors of photography, cameramen and directors. Its open architecture and its optimal design allow a comprehensive range of camera and lenses interchanges, from the oldest ones to the newest generation of sensors. Its 6 axes give an amazing stability to images and the possibility to work on new angles including full top shot. Shotover systems are ITAR free and can ship to filming location as excess baggage on commercial flights or by air freight worldwide.

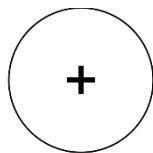
Our media of use



HELICOPTER



CAMERA CAR



TAILOR MADE

Main characteristics:

- High performance gyro-stabilization on 6 axes
- Unlimited 360° pan, tilt from 60° to -140°
- Fits almost every type of camera and lenses, quick change
- Perfectly stable on very long focal lenses (e.g. Angénieux 28-340mm)
- Auto-horizon through GPS (automatic or manual)
- Fiber optic video feedback 4x 3GHz-SDI
- Available accessories: rain spinner, remote controlled rotating polarizer, wireless link

AERING by Bsa

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Shotover K1

Technical specifications

STABILIZATION

- 6 axis no gimbal lock
- High performance non-ITAR sensors
- Distributed multi-processor closed loop servo control system
- Proprietary gimbal control algorithms

FIELD OF VIEW

- Pan 360° continuous (via electrical and optical rotary joints)
- Tilt +60° to -140°
- Roll +/-85° (steerable or auto-horizon)
- Max. slew rate 100°/sec

DATA / COMMUNICATION

- Fiber optic lines (precabled 4x 3GHz - SDI)
- CAN Bus
- RS 422 Serial Bus
- Ethernet

WEIGHT

- Turret with max 3D payload approx. 110kg (240lbs)
- Turret with min 2D payload approx. 80kg (175lbs)
- Operator control unit 2,7kg (6lbs)
- Junction control box 4kg (9lbs)
- Main cables set 2,5kg (5.5lbs)

POWER

- 19 - 32 VDC
- 20A max (at 28V)

ENVIRONMENTAL

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



OPERATOR CONTROL UNIT

- Lightweight and compact
- Customizable video overlay (monitor output)
- Adaptable to camera remotes such as Sony RM-B750, Arri RCU-4, Canon RCV-100

OPTIONS

- Remote controlled rotating polariser
- Rain spinner
- Wireless control : serial protocol (RS422)

SPECIAL SET UP

- 3D: side by side cameras (Red, Arri)
- VFX: Hydra (6 Red), Hammer head (3 Alexa mini) ...

MATCHING CAMERAS EXAMPLES

- Arri Alexa 65
- Arri Alexa XT
- Arri Alexa LF
- Arri Alexa Mini
- Red Weapon Monstro/Helium
- Red Epic/Scarlet/Raven
- Panavision DXL/DXL 2
- Sony F65
- Sony F55
- Sony Venice

MATCHING LENSES EXAMPLES

- Complete range of Angénieux zoom lenses
- Fujinon Cabrio range
- Panavision Primo Zoom range