

SHOT OVER

K1



SYSTEM FEATURES

- 6-axis gyro stabilized with look down capability
- Open-architecture allows for creative freedom. Quickly interchange almost any camera or lens combination
- Capture remarkable 3D footage easily using the SHOTOVER 3D with adjustable I/O option*
- Windowless operation for brilliant imagery without reflections
- No ITAR restrictions or EAR licensing requirements
- Low-weight carbon fiber structure with lighter gross weight than other systems
- Modular design allows transport as excess baggage on commercial flights
- Fiber optic video data transfer for clean 3GHz imagery
- State of the art electronics and design techniques deliver unshakable stability and ultimate functionality
- Customizable graphics overlay for real time operator feedback
- Auto or Steerable horizon with the most advanced steering capabilities on the market
- Remote controlled polarized filter rotation, rain deflector and other accessories available

SYSTEM SPECIFICATIONS

STABILIZATION

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

GIMBAL FIELD OF VIEW

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

DATA / COMMUNICATION

Fiber Optic lines
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)
External cable set: 2.5kg (5.5lbs)

POWER

19-32 VDC
20 Amps Max draw (at 28V)

ENVIRONMENTAL

Operating Temperature: -20 to + 50 degrees C

OPERATOR CONTROL UNIT

Lightweight
Customizable video overlay (Monitor output)
Adaptable to camera remotes such as:
Sony RM-B750
Arri RCU-4
Other control layouts available on request

CAMERA OPTIONS

Standard Alexa
Alexa M-Single Fibre
RED Epic X / Dragon
Sony F55
Sony F65
Canon C500

LENS OPTIONS

Angenieux HR 25-250mm T3.5
Angenieux DP 25-250mm T3.2
Angenieux Optimo 24-290mm T2.8
Angenieux Optimo 28-340mm T3.2
Angenieux Optimo 17-80mm T2.2
Panavision 24-275mm T2.8
Fuji Premier 14.5-45mm T2
Fuji Premier 18-85mm T2
Arri Fuji Alura 18-80mm T2.6
Panavision 17.5-75mm T2.3
Panavision 19-90mm T2.8
Fuji Premier 24-180mm T2.6
Fuji Premier 75-400mm T2.8
Canon 14.5-60mm T2.6
Canon 30-300mm T2.9
Arri Fuji Alura 45-250 T2.6

OPTIONS

Geo referenced overlay
Integrates with third party geo mapping
Remote controlled rotating polarizer
Rain deflector

*I/O adjustable from 14.6 to 25.4cm (5.75 to 10in)
**Payload= (2) Alexa standard and
(2) Optimo 24-290 lenses
***Payload= (1) Red Epic and (1) Alura 18-80

Manufacturer reserves the right to change specification to reflect improvements and or changes in technology at any time

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