

# SHOT OVER

# F1



## SYSTEM FEATURES

- Quickly and easily interchange multiple cameras and lenses
- Compact size and weight allows affordable transport as freight or excess baggage
- No ITAR or EAR restrictions
- Compatible with most FAA and EASA approved aircraft mounts
- Easily integrated onto a wide variety of mounting platforms
- 6-axis gyro stabilized with look down capability
- Windowless operation option for brilliant imagery without reflections
- 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
- Inverted operation using auto-position detectors
- 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: +45 to -140 degrees
- Roll: +-85 degrees (steerable or auto horizon)
- Max slew rate: 100 deg/sec

### DATA / COMMUNICATION

- Fiber Optic lines
- CAN Bus
- RS 422 Serial Bus
- Ethernet

### WEIGHT

- Turret with max payload less than 55kg (122lbs)
- Operator control unit 2.7kg (6lbs)
- Junction control box 4kg (9lbs)
- External cable set: 2.5kg (5.5lbs)

### POWER

- 19-72 VDC
- 20 Amps Max draw (at 19VDC)

### ENVIRONMENTAL

- Operating Temperature: -20 to +50 degrees C

### OPERATOR CONTROL UNIT

- Lightweight
- Customizable video overlay (Monitor Output)
- Recess for camera remotes such as:
  - Sony RM-B750
  - Arri RCU-4
- Other control layouts available upon request

### CAMERA OPTIONS

- Arri Alexa M
- RED Dragon
- RED Epic
- Sony HDC 2500
- Sony F55
- Canon C500
- Other cameras on request

### LENS OPTIONS

- Canon 30-300
- Canon 14.5-60
- Angenieux 15-40
- Angenieux 17-80
- Angenieux HR 25-250
- Fujinon 42x13.5
- Fujinon 42x9.7
- Fujinon 18-85
- Other lenses on request
- Interchangeable filters on request

### OPTIONS

- GPS Geo pointing
- Auto tracking
- Remote controlled polarized filter rotation
- Window or rain deflector for environmental protection

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

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