

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 restrictions or EAR licensing requirements

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 59kg (130lbs)
Operator control unit 2.7kg (6lbs)
Junction control box 4kg (9lbs)
External cable set: 2.5kg (5.5lbs)

POWER

19-32 VDC
12 Amps Max Draw (at 28V)

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 AND LENS COMBINATIONS

Canon C500

Canon 30-300
Canon 14.5-60
Angenieux Optimo 17-80
Angenieux 25-250 HR
Angenieux 25-250 DP
Arri/ Fujinon Alura 18-80
Fujinon Premier 18-85
Fujinon Premier 14.5-45

Red Epic X / Dragon

Canon 30-300
Canon 14.5-60
Angenieux Optimo 15-40
Angenieux Optimo 28-76
Angenieux Optimo 17-80
Angenieux 25-250 HR
Angenieux 25-250 DP
Arri Fujinon Alura 18-80
Fujinon Premier 18-85
Fujinon Premier 14.5-45
Fujinon Cabrio 19-90
Fujinon Cabrio 85-300
Fujinon 42x9.7
Zeiss 14mm Master Prime
Zeiss 16mm Master Prime

Sony F55 without Recorder

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Fujinon Cabrio 85-300
Zeiss 14mm Master Prime
Zeiss 16mm Master Prime

Sony HDC 2500

Fujinon HA 42x13.5
Fujinon HA 42x9.7

Alexa M-Single Fibre

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Angenieux Optimo 15-40
Angenieux Optimo 28-76
Angenieux Optimo 17-80
Angenieux 25-250 HR
Angenieux 25-250 DP
Arri Fujinon Alura 18-80
Fujinon 18-85 mm T2
Fujinon Premier 14.5-45
Fujinon Cabrio 19-90
Fujinon Cabrio 85-300
Zeiss 14mm Master Prime
Zeiss 16mm Master Prime

OPTIONS

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

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

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