

SHOT OVER

F1 LIVE

FLEXIBILITY & CONTROL LIKE YOU HAVE NEVER EXPERIENCED

The F1 LIVE is the ultimate solution for the broadcast industry, taking the best of the original F1 and streamlining it into a custom package for the ENG market. The system's 6-axis design delivers a superior range of movement and precision control of pan, tilt, and roll when looking straight down, allowing you to capture the perfect shot without getting stuck in gimbal lock. The F1 LIVE comes fully configured and set up from the factory with your camera and lens of choice, and it supports all major broadcast cameras, including both 4k and 2k models. The open platform design of the F1 LIVE makes it future proof, so you're not locked into one payload.

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F1 LIVE



F1 LIVE GIMBAL SYSTEM FEATURES

- Open platform design allows for the integration of new broadcast cameras as they come to market
- Gimbal customization services available to match broadcaster's branding
- 6-axis gyro stabilized with look down capability
- Compatible with most FAA and EASA approved aircraft mounts
- SHOTOVER rain spinner keeps the lens clear when shooting in wet conditions
- No ITAR restrictions or EAR licensing requirements
- 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 and other accessories available
- Various top plate options are available to easily allow mounting on various platforms - land, sea and air
- Optional moving map overlay helps broadcasters quickly identify ground locations and addresses during fast moving assignments

CAMERA & LENS COMBINATIONS

	Fujinon 42x3.7	Fujinon 42x13.5	Fujinon 22x7.8	Fujinon 14x4.5	Canon 50-1000	Canon 40x1.4	Canon 40x1.4	Canon 14x4.3
Sony P1 (HD)	●	●	●	●	●			
Sony 2500 - Repackaged	●	●				●	●	
Sony P43 (4K)	●	●	●	●	●	●	●	●
Ikegami F3000	●	●	●	●	●	●	●	●
NEC H1200	●	●	●	●	●	●	●	●
Canon ME20	●	●	●	●	●	●	●	●
Grass Valley LDX C80 (HD)	●	●	●	●	●	●	●	●
Grass Valley LDX C86 (4K)	●	●	●	●	●	●	●	●
Panasonic AK-UB300 (4K)	●	●				●	●	

KEY: ● = with PL to B4 adaptor

The above camera and lens combinations can be integrated into the F1 LIVE as well as many more. Please note cameras and lenses are not included.

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

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)

DATA/COMMUNICATION

Fiber Optic lines
 CAN Bus
 RS 422 Serial Bus
 Ethernet

OPTIONS

Moving Map Overlay

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

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