

SHOT OVER | F1 ENG

A RADICAL SHIFT IN BREAKING NEWS COVERAGE

From high-speed pursuits to natural disasters, the F1 ENG's unrivaled look-down capability, superior range of movement, and next-generation real-time augmented reality mapping provides audiences with unparalleled viewpoints into breaking news.



F1 ENG PACKAGE FEATURES

- 6-axis gyro stabilization provides unmatched look-down capability, control and versatility in a compact package that accommodates the world's most advanced broadcast cameras and lenses
- Quickly identify street addresses, traffic conditions, and even display a vehicle's speed during fast-moving pursuits in real-time
- No ITAR restrictions or EAR licensing requirements
- Auto or Steerable horizon with the most advanced steering capabilities on the market
- Open platform design allows for the integration of cutting edge technology as it comes to market
- Windowless operation option for brilliant imagery without reflections
- Match your station's branding with custom color scheme and logo imprint options
- Shoot in adverse weather conditions with SHOTOVER accessories including rain spinner, descant valve, and demist fan

**SHOT
OVER**
SHOTOVER.COM

SHOTOVER HQ
5660 Airport Blvd., Suite 101
Boulder CO, 80301

NEW ZEALAND
133 Glenda Drive
Queenstown, 9300

LOS ANGELES
16303 Waterman Drive
Van Nuys CA, 91406

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Am Technologiepark 1-5, Gebäude 4,
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SALES
+1 720 680-2457
info@shotover.com

CUSTOMER SUPPORT
+1 720 744-3300 | Dial 1 when prompted
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GIMBAL 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 / -4 to 122 degrees F

GIMBAL CONTROLLER

Customizable Video Overlay (Monitor Output)
Force Joystick Option
Iris Wheel control on the side and top of controller
Adjustable friction drag control for Iris Wheel and Focus Knob
Selectable control between Rocker and Joystick Twist
Break out FI+Z control with Preston HU3
Dual 5V USB A Ports for powering Accessories
Multiple Mount Holes on top & rear
Recess for camera remotes such as:
Sony RM-B750, ARRI RCU-4, and Canon RC-V100
Other control layouts available upon request



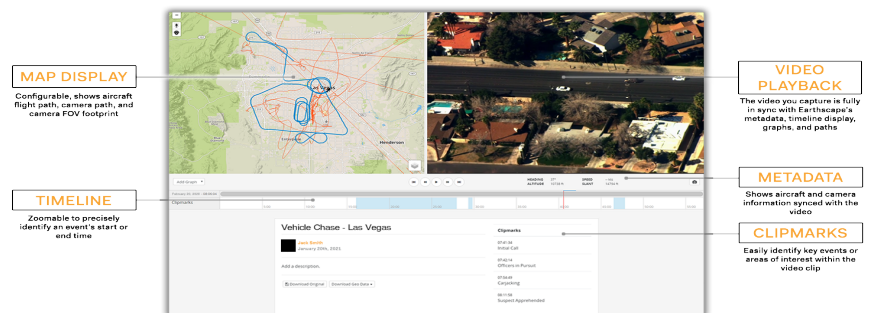
REAL-TIME AUGMENTED REALITY MAPPING



SHOTOVER's next generation augmented reality mapping software, specifically designed for broadcast TV, overlays critical geo-referenced information on top of live video. In the aircraft or the control room, operators can interact with the live airborne video and have full control over what is shown on the broadcast feed.

- View streets, businesses, trails, points-of-interest, and just about any other geographical element on your live broadcast video
- Quickly navigate to breaking news locations with our built-in address search and navigation tools
- Create, modify, and combine shapes to measure area of fires or estimate crowd size
- Reduce operator workload by automatically steering the camera to the location of interest
- Fully customizable branding, colors, logos, and on-screen graphics
- Lifetime of software updates included

LIVESTREAMING AND INTERNET VIEWING



CAMERA & LENS COMBINATIONS

	Canon 14x4.3	Fujinon 14x4.5	Fujinon 42x13.5	Fujinon 42x9.7	Fujinon 46x9.5	Fujinon 46x13.5
Ikegami F4000	●	●	●	●	●	●
NEC 1200	●	●	●	●	●	●
Sony P50	●	●	●	●	●	●
Grass Valley LDX C80 (HD)	●	●	●	●	●	●
Grass Valley LDX C86	●	●	●	●	●	●

Please note cameras and lenses not included. This list is not all inclusive.
Please contact sales@shotover.com for additional combinations.

Earthscope is a cloud-based video management tool that gives stations powerful control over their video and its metadata. Upload, review, and manage tags, clipmarks, and footprints for any video captured. Monetize helicopter footage that doesn't make the evening news!

- Upload and manage video archive in the secure cloud
- Quickly find stored videos utilizing filters and key search terms
- Livestream your broadcast with real-time moving maps that set your station apart
- Review all videos that took place in a region during a certain time span

With your SHOTOVER Systems package, you are eligible to receive
1 FREE year of Earthscope with purchase.*

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