

# SHOT OVER | G1



## Cinema Redefined

A 3-axis gyro-stabilized camera system that delivers unshakable stability with ultimate functionality. Its open platform design allows operators to carry the right payload depending on their needs, and its lightweight design means it can quickly be mounted on tracking vehicles, cranes, cables and almost anything that moves.

The G1 CINEMA allows users to build their desired solution from the ground up. Simplicity is thanks to the new direct-connect Gimbal to Controller setup that increases versatility for quick transitions on set. With the ability to control wirelessly using either the 900MHz or 2.4GHz wireless radios, the G1 CINEMA is more than ever before the camera system operators can depend on.

SHOTOVER's standardized gimbal controller with up to 14 assignable switches and a vast array of customizable user functions, is the heart of the G1 system and its design improves ergonomics for operators.



### G1 SYSTEM FEATURES

- SHOTOVER FI+Z with lens motors (optional)
- Components to install camera and lens combinations per matrix
- Remote camera control (RED, Arri, Sony, Canon, Phantom)
- Compact size and weight allows affordable transport as freight or excess baggage
- No ITAR restrictions or EAR licensing requirements
- SHOTOVER Free-Runner adaptor head. Quickly change between UAS, mitchell mount, and bowl mount
- Easily integrated into film industry mounting platforms
- Advanced payload balancing system
- Delivers unshakable stability and ultimate functionality
- Customizable graphic overlay for real-time operator feedback (optional via Small HDD monitor only)
- Auto or steerable horizon with the most advanced steering capabilities on the market
- Wired or wireless control (optional)



**SHOT  
OVER**

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## G1 SYSTEM OPTIONS



- 1 Hand Wheels Controller:** To support operators of the G1 who prefer control wheels to joystick operations, SHOTOVER is pleased to offer the G1 Hand Wheels Controller. The controller provides the same capability as the original control unit but swaps out the joystick for two 125mm steel wheels to control pan, tilt and roll.
- 2 G1 Cone Mount:** Easily attach the G1 to a rail or track system.
- 3 G1 Vibration Isolator:** The isolator dampens vibration to ensure optimum stability.
- 4 1500 AC Ground Power Supply:** Run your ground station all day long with the SHOTOVER UL & CSA certified ground.

\*Please contact SHOTOVER for a complete list of system options.

## CAMERA & LENS COMBINATIONS

	Angenieux Optimo 15-40	Angenieux Optimo 28-76mm	Angenieux EZ-2 Series	Angenieux 45-120	Canon 14x4.3	Canon 17-120	Canon 50-1000	Canon EF Prime Series	Fujinon 14x4.5	Fujinon Cabrio 19-90	Fujinon 20-120	Fujinon 22x7.6	Fujinon Cabrio 85-300	Leica Summicron Series	Leica Summilux-C Range	Zeiss Master Prime Range
Canon C500*	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
RED DSMC**	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
RED DSMC2***	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sony F55 with Recorder	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sony FS7	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Sony P1	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Alexa Mini	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Phantom Flex 4K	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●
Phantom Flex 2K*	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●	●

\*The standard G1 configuration includes everything necessary to integrate the above camera and lens combination with the exception of the Canon C500 and Phantom Flex 2K. Please note cameras and lenses not included.

\*\*RED DSMC: Epic-M, Epic-X, Epic Monochrome, Scarlet, Epic Dragon, Scarlet Dragon

\*\*\*RED DSMC2: Weapon 6K, Scarlet Weapon, Epic-W S35, Weapon 8K S35, Weapon 8K Vista Vision, Scarlet-W 8K

## G1 GIMBAL SPECIFICATIONS

### STABILIZATION

3-axis

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

Tilt: +54 to -99

Roll: +/- 65

Max slew rate: 100 deg/sec

### DATA / COMMUNICATION

CAN Bus

RS 232 Serial Bus

RS 422 Serial Bus

Ethernet

Long Range Radio Link (optional)

Licensed downlink - mesh networks & licensed frequencies compatible

Gimbal communications

Camera communications

### WEIGHT

Gimbal - 4kg (8.82lbs.)

Max payload - see chart for combination options

### POWER

Input Range: 30-50v DC

Consumption: 960W (MAX)

### ENVIRONMENTAL

Operating temperature: -20 to +50 degrees °C

(-4 to 122 degrees °F)

Weather resistant (Gimbal Only)

### GIMBAL OPERATOR CONTROL UNIT

Input Range: 10-60v DC

Power Output: Dual 4pin XLR

Overlay available via Small-HD monitor only

Camera remote integration (Sony, Canon, Arri, Phantom)

### OPTIONS

Remote controlled rotating polarizer

Cone Mount

Hand control wheels

165mm wheel size upgrade

Arri LF / Alexa 65 expansion kit

Long range radio

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