

# SHOTOVER K1

A 6-axis gyro stabilised gimbal platform that delivers unshakable stability and next generation Ultra HD image quality in 2D or 3D with straight look down capability. Its open architecture allows a comprehensive range of camera and lens interchanges and its modular carbon fiber construction means it ships as excess baggage on commercial flights worldwide with no export restrictions.



## SHOTOVER K1 SYSTEM

- 6-axis gyro stabilised with look down capability
- Open-architecture allows for creative freedom. Quickly interchange almost any camera or lens combination
- Capture remarkable 3D footage easily using the SHOTOVER 3D with adjustable I/O option\*
- Windowless operation for brilliant imagery without reflections
- Various top plate options allows mounting to various platforms - land, sea and air
- No ITAR restrictions or EAR licensing requirements
- Low-weight carbon fiber structure with lighter gross weight than other systems
- Modular design allows transport as excess baggage on commercial flights
- Fiber optic video data transfer for clean 3GHz imagery
- State of the art electronics and design techniques deliver unshakable stability and ultimate functionality Customisable graphics overlay for real time operator feedback
- Auto or Steerable horizon with the most advanced steering capabilities on the market
- Industry first - Remote controlled polarised filter

### STABILISATION

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 & optical rotary joints)  
 Tilt: +60 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

### POWER

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

### ENVIRONMENTAL

Operating Temperature: -20 to +50 degrees C

\*I/O adjustable from 14.6 to 25.4cm (5.75 to 10in)  
 \*\*Payloads: (2) Alexa standard and Optimo 24-290 lenses  
 \*\*\*Payloads: (1) Red Epic and (1) Alura 18-80

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

## SHOTOVER K1 Camera & Lens Combinations

	Canon 30-300	Canon 14.5-60	Angenieux Optimo 15-40	Angenieux Optimo 16-40	Angenieux Rouge 16-42	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 42 x 9.7	Fujinon 42 x 13.5	Zeiss 14mm Master Prime	Zeiss 16mm Master Prime	Fujinon 25-300	Arri/Fujinon Alura 45-250	Arri UWZ 9.5-18	Canon 17-120	Canon CN20x50	Canon 14x4.3	Fujinon 1.4x4.5	EF Fish Eye
Canon C500	■	■													*	*								*	*	
RED Epic X / Dragon															*	*								*	*	
Arri Alexa M																								*	*	
Sony F55 without Recorder																								*	*	
Sony F55 with Recorder																										
Sony 2500 - Repackaged																										
Sony P1																										
Alexa Mini	■	■																								
Phantom Flex 4K													***	**												

KEY: \* = with HDx35 adaptor \*\* = IBE 2x \*\*\* = with or without IBE 1.4x

The standard K1 configuration includes everything necessary to integrate the above camera and lens combinations as well as many more. Please note camera and lenses not included



Helicopter  
 Film  
 Services

Hangar M, Denham Aerodrome, Uxbridge, London, UB9 5DF United Kingdom  
 Tel: + 44(0)1895 833365

[info@helicopterfilm.tv](mailto:info@helicopterfilm.tv)  
[www.helicopterfilm.tv](http://www.helicopterfilm.tv)