

CINEMA PRO+

The Cinema Pro+ is optimized for larger cinema payloads and integrates more camera and lens payload configurations than any gimbal in its class. With six-axis of movement, this gimbal can handle full-sized cinema cameras with impressive lenses! As with all GSS gimbals, the Cinema Pro+ is well-suited for a variety of applications including aerial, ground vehicle, marine mounted and more.

► SYSTEM FEATURES

- Advanced fiber optic gyro-stabilization
- VectorSteering™ sixth axis look-down with no gimbal lock
- Interchangeable cameras/lenses/inner-axis in less than 30 minutes
- Stabilized or steerable horizon with in-flight automatic calibration
- High-speed fiber optic video data transfer
- No auxiliary junction unit required
- No ITAR or EAR export restrictions
- Ships as excess baggage (<70lbs/32kg per case)
- MIL-STD-810F power filters with reverse polarity protection
- Engineered/Manufactured to DO-160G standards - not certified
- Platform designed for both standard and inverted use
- GroundControl™ bi-directional wireless gimbal control
- Metadata outputs (lens, camera & GPS functions)
- Geo-pointing option
- Electro-mechanical gimbal stow mechanism
- Compatible with existing air and ground mounts
- Standard 1-year warranty and 24/7/365 customer service



▶ SYSTEM SPECIFICATIONS

Gimbal Performance

6-axis of movement – gyro-stabilized
 Azimuth: 360° continuous
 Elevation: 30° to -205° from horizontal
 Roll: +/- 120° (steerable/stabilized)
 Gimbal Slew Rate: 0-150°/second
 Max Operational Airspeed: 200 knots - certified to FAA 14CFR requirements, increased airspeeds possible

Interface

Control: RS-232, RS-422, or Ethernet

Electrical

VIN: 18-33 VDC
 Power: 15 amps max draw at 28 VDC

Dimensions

Gimbal width: 20 inches (508 mm)
 Gimbal height: 24.0 inches (610 mm)
 Snout length: 0-6 inches (0-152 mm)
 Cable set length: 20 - 100 feet

Weight

Platform: 85 lbs (38.5 kg) + payload
 Laptop Control Unit: 7 lbs (3.2 kg)
 Auxiliary Junction Unit: payload specific
 Cable Set: 8 lbs (3.6 kg)

Environmental

Operating temperature: -4° to +122° F (-20° to +50° C)
 Sealed system for airborne/ground/marine applications

Interchangeable Camera Options

Arri Alexa 65, LF, XT M & Mini
 RED Weapon
 Sony Venice, PMW-F55, HDC-P1, & HDC-P43
 Other cameras available upon request *

Interchangeable Lens Options

Angenieux Optimo 12:1, 10:1 & Optimo wide zooms
 Canon Cinema Series
 Fujinon Premiere PL/Cabrio Series
 Zeiss Master Primes
 Arri 65 Primes
 B4 mount ENG lenses (limited to payload compatibility)
 Other lenses available upon request *

Helicopter/Airplane Mount Availability

AS 350/355 Bell 206/206L/407 Bell 505
 EC-120 Robinson R44/R66 Cessna 172/206
 Compatible with various other aircraft *

Vehicle/Marine Mount Configurations

Arm Mounts Mitchell Mount
 Various other mount types from many manufacturers *

* Specifications are subject to change

▶ CAMERA & LENS CONFIGURATIONS

	Angenieux Optimo 28-340	Angenieux Optimo 24-290	Angenieux Optimo 44-440/25-250	Angenieux Optimo 19.5-94	Arri Ultra Wide Zoom UWZ 9.5-18	Canon 50-1000	Canon 30-300	Canon 17-120	Canon 14.5-60	Fujinon Cabrio 25-300	Fujinon Cabrio 19-90/20-120	Zeiss Master Primes	Canon 40x10	Canon 40x14	Canon 14x4.3/12x4.3 4K	Fujinon 42x9.7	Fujinon 42x13.5	Fujinon 14x4.5/13x4.45 4K	
Arri Alexa 65	140	140	120	115	115	115	115	115	115	135	115	115	115	115	115	115	115	115	115
Arri Alexa XT M	140	140	120	115	115	115	115	115	115	135	115	115	115	115	115	115	115	115	115
Arri Alexa Mini	140	140	120	115	115	115	115	115	115	135	115	115	115	115	115	115	115	115	115
Canon C700	140	140	120	115	115	115	115	115	115	135	115	115	115	115	115	115	115	115	115
Red Weapon	140	140	120	115	115	115	115	115	115	135	115	115	115	115	115	115	115	115	115
Sony F55 with or w/o Recorder	140	140	120	115	115	115	115	115	115	135	115	115	115	115	115	115	115	115	115
Vision Research Phantom Flex 4K	140	140	120	115	115	115	115	115	115	135	115	115	115	115	115	115	115	115	115
Sony P1/P43													115	115	115	115	115	115	115

- Payload configurations shown in **RED** use the I/BE HDx35 B4/PL Adapter
- All weights are shown in pounds
- All GSS Cinema Pro+ payload configurations are qualified to fly on the Airfilm AS350/355 AFSP Nose Mount
- Most GSS Cinema Pro+ payload configurations are qualified to fly on the Airfilm Bell 206/206L/407 Nose Camera Mount
- The GSS Cinema Pro+ has more camera and lens payload configurations than any system in its' class (Many other options are available upon request)