

# CINEMA PRO 516

Perfect for use in almost any scenario, the Cinema Pro 516 stabilized platform has the ability to integrate the most popular payloads. With 6-axes of movement via VectorSteering™ in a mid-sized platform, this gimbal can easily handle medium-sized cinema cameras with impressive lenses! As with all GSS gimbals, the Cinema Pro 516 is well-suited for a variety of applications including aerial, ground vehicle, marine mounted and more.

## ► SYSTEM FEATURES

- Advanced fiber optic gyro-stabilization
- VectorSteering™ 6-axes of movement in a 5-axis gimbal
  - Stabilized look down (no gimbal lock) in a smaller, lighter package
- Interchangeable cameras/lenses/inner-axis in less than 30 minutes
- Fully upgradeable as gimbal, camera, and lens technologies evolve
- 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
- Wireless capability option
- Metadata outputs (lens, camera, & GPS functions)
- Geo-referencing option
- Electro-mechanical gimbal stow mechanism
- Compatible with existing air and ground mounts



## ▶ SYSTEM SPECIFICATIONS

### Gimbal Performance

VectorSteering™ offers 6-axes of movement in a 5-axis gimbal - gyrostabilized  
 Azimuth: 360° continuous  
 Elevation: 27° to -195° from horizontal  
 Roll: > +/- 90° (steerable/stabilized)  
 Gimbal Slew Rate: 0-150°/second depending on gearbox  
 Max Operational Airspeed: variable depending on gearbox

### Interface

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

### Electrical

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

### Dimensions

Gimbal width: 16.5 inches (419 mm)  
 Gimbal height: 21.4 inches (544 mm)  
 Snout length: 0-6 inches (0-152 mm)  
 Cable set length: 20 feet (standard set)

### Weight

Platform: 60 lbs (27.2 kg) + payload  
 Hand 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\*

Sony Venice 2, HDC-P50  
 RED DSMC2 / DSMC3 / KOMODO  
 Arri Alexa XT M & Arri Alexa Mini/LF  
 \*Other cameras available upon request

### Interchangeable Lens Options\*\*

Angenieux Optimo 10:1 & Optimo wide zooms  
 Canon Cinema Series  
 Fujinon Premiere PL/Cabrio Series  
 Arri Ultra Wide Zoom 9.5 - 18  
 Primes - Various  
 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 Style 25-250	Angenieux Optimo 19.5-94	Arri Ultra Wide Zoom UWZ 9.5-18	Canon 50-1000	Canon CineServo 25-250	Canon 17-120	Canon 14.5-60	Fujinon Cabrio 25-300	Fujinon Cabrio 19-90/20-120	Canon 45x 4K UHD	Canon CJ 12X-25X	Fujinon 46x 4K UHD	Fujinon 14x4.5/13x4.45 4K
Arri Alexa Mini/LF	90	90	90	95	90	90	90	105	90	90	80	90	80
RED DSMC2/DSMC3	90	90	90	95	90	90	90	105	90	90	80	90	80
Venice 2	90	90	90	95	90	90	90	105	90	90	80	90	80
Sony P1/P43/P50										90	80	90	80

- Payload configurations shown in RED use the I/BE HDx35 B4/PL Adapter
- All weights shown in pounds