

# CINEFLEX<sup>PRO</sup> 512EX

The Cineflex Pro 512EX is an exceptional stabilized platform option for larger, broadcast payloads. With 6-axes of movement via VectorSteering™ in a mid-sized package, this gimbal can handle larger, full-sized broadcast cameras and lenses used by major-market broadcast clients.

## ► 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
- Geo-pointing with moving map interface option
- Continuous digital zoom through 10x (camera dependent)
- Isolated electronics eliminates video noise
- Fully upgradeable as gimbal, camera, and lens technologies evolve
- No auxiliary junction unit required
- Stabilized or steerable horizon with in-flight automatic calibration
- 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)
- Remote controlled optical filter system
- 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

VectorSteering™ offers 6-axes of movement in a 5-axis gimbal - gyrostabilized  
Azimuth: 360° continuous  
Elevation: 35° to -210° from horizontal  
Roll: > +/- 90° (steerable/stabilized)  
Gimbal slew rate: 0-130°/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: 13.8 inches (351 mm)  
Gimbal height: 19.4 inches (493 mm)  
Snout length: 0-6 inches (0-152 mm)  
Cable set length: 20 feet (standard set)

### Weight

Platform: 41 lbs (18.5 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

### Camera/Lens Payload Options\*

Sony HDC-P1, HDC-P43 & HDC-P50  
Ikegami HDL-F4000 Low-Light  
Grass Valley LDX Compact HD/4K  
Panasonic AK-UB300 4K  
Canon ME20F-SH Low-light  
NEC NC-H1200S  
\*Other cameras available upon request

### Interchangeable Lens Options\*\*

Canon HJ/CJ Series  
Fujinon HA/4K Series  
\*\*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.