

# Cineflex V14Media

## Gyro-Stabilized Airborne Camera Systems

[www.axsys.com](http://www.axsys.com)



The Cineflex V14Media offers the proven stability and precision of Cineflex camera systems with a new, more affordable, high-definition capture device, the Ikegami HDL-F30. The V14Media increases the availability and affordability of this high-end technology for electronic news gathering (ENG) and broadcast applications.

The system's 5-axis gyro-stabilized gimbal and unmatched range-performance ensure accurate images and precision pointing in the air, at sea and on rough terrain. With its exceptional stability, extended range and affordable HD capture device, the Cineflex V14Media is the ideal solution for ENG and airborne law enforcement applications.

Axsys designs and manufactures a full portfolio of high-performance electro-optical infrared (EO/IR) camera systems. Axsys Technologies is a division of General Dynamics Advanced Information Systems, a provider of end-to-end solutions across the imagery value chain delivering timely, relevant and actionable intelligence.

### FEATURES

- 5-Axis Stabilization
- True High-Definition Imagery
- Affordable Capture Device
- Compact Size and Weight
- Ergonomic, User-Friendly Design
- Easily Integrated Into Existing Systems
- Easy Accessibility to Control Functions During Flight

# Cineflex V14Media

## HD Daylight Sensor

Camera	Ikegami HDL-F30
Sensor Type	3-CCD 2/3"
Effective Pixels	1920 (H) x 1080 (V)
Video Frame Rates	1080/59.94i, 1080/50i, 1080/29.97psF, 1080/25psF
Spectrum System	F1.4 prism system
Built in Filters	(ND) 100%, 25%, 6.2% 1.6% (ECC) 3200K / 5600K
Servo Filter Control	Yes
Sensitivity	F10 at 2000lx
Digital Extender	x1.5, x2, x3, x4
Signal-to-Noise Ratio	58dB (typical)
Horizontal Resolution	1000 TV lines

## Lens Options

Fujinon HA 42 x 13.5	13.5mm to 1134mm
Fujinon HA 42 x 9.7	9.7mm to 815mm

## System Specifications

System Type	5-axis gyro-stabilized
Azimuth Coverage	360° Continuous
Elevation Coverage	30° to -195°
Roll Coverage	± 45°
Slew Rate	> 55°/sec
Max Slew Acceleration	100° / sec <sup>2</sup>

## Dimensions

Turret Size (H x D x L)	19.8" x 14.9" x 19.5"
Auxiliary Unit	14" x 19.5" x 6"
Laptop Control Unit	17" x 8.75" x 1.8"
Cable Set	20' length

## Weight

Turret	69 lbs
Auxiliary Unit	27 lbs
Laptop Control Unit	5 lbs
Cable Set	9 lbs

## Power

Input Voltage	28 VDC ± 10%
Quiescent	85 Watts
Continuous	170 Watts
Transient	230 Watts

## System Interfaces

Digital serial	RS232/422
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## Incorporated Camera Accessories

Ikegami RM-51A	Camera Control Unit
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