



Airborne Gyro-Stabilized Broadcast HD Gimbal



APPLICATIONS

BROADCASTING

PHOTOGRAPHY

AERIAL SURVEY

NAVIGATION

VESSEL TRAFFIC MONITORING

ENVIRONMENTAL MONITORING

HIGHLIGHTS and BENEFITS

Ultra lightweight compact, low cost broadcast system

5-axes gyro-stabilization provides stable imagery

Panasonic AK-HC1800MC, coupled with Fujinon HA13x4.5BERD, x2 Extender, for extraordinary high definition imagery and the most powerful zoom

User-friendly control interface

Capture more of the action in crisp, stunning detail from higher, safer altitudes without sacrificing wide angle performance

Capable of integration with microwave downlink systems

Easy and low cost maintenance





Airborne Gyro-Stabilized Broadcast HD Gimbal

Stabilization

Field of Regard – Elevation	+10° ~ -120°
Field of Regard – Azimuth	360° continuous
Gimbal Rate	60°/sec

Camera Specifications: PANASONIC

AK-HC1800MC

Pickup Device	3-CCD 2/3" type
Picture Elements	2.2 Million Pixels
Signal to Noise Ratio	60dB (typical)
Sensitivity	F 11 at 2000 lux 89.9% reflectance
Minimum Illumination	0.02 lux (F 1.4)

FUJINON HA13X4.5BERD, x2 Extender

Zoom ratio	13 x
Focal Length	9 ~ 118mm
Field Angle	56° 06' ~ 4° 39' (Horizontal) 33° 20' ~ 2° 37' (Vertical) 62° 52' ~ 5° 20' (Diagonal)

Physical Specifications

Gimbal	5 gimbals 3 axis
Dimensions	345mm x 479mm
Weight	25 kg
Input Power	15A@9 ~ 36V

Environmental Specifications

Operating Temperature	-15° ~ -45°
Storage Temperature	-40° ~ -70°
Humidity	0-95%

