



**200 HDV**

## COMPACT AND LIGHTWEIGHT BROADCAST VIDEO PLATFORM

- High Definition Video Camera
- 30x Optical zoom

Excellent 5-Axis stabilization performance combined with the latest technology from Sony in an Affordable package.



**200 HDV**

### Gyro Stabilized Gimbal

For stable imaging a fully digital 5-axis active gyro stabilization system compensate for the aircraft movements and vibrations.

### Reliability and Lightweight

In order to ensure a reliable and lightweight gimbal solution, the Swesystem gimbals are designed and manufactured using an aluminum structure.

### Turret as Single LRU

The TCU is possible to operate as a single LRU, using digital interface.

**On Screen Graphics Operator** on screen graphic information like camera angles, GPS, time and date.

### Environmental Design

According to RTCA DO 160

### IMU/INS for Geo-reference

Enabling GPS positioning of target.



Responsive and accurate control

The perfect choice for Low altitude Broadcast Applications.

Ideal for small Aircrafts and UAV's



**Gimbal System**

**Type:** Five Axis Active Gyro Stabilized Gimbal  
**Stabilization:**  $\approx 25 \mu\text{Rad}$   
**Coverage Az:** 360° continuous  
**Coverage El:** +90° to -120°  
**Coverage Roll:** +/-60°  
**Dimension:**  $\varnothing 200 \text{ mm (7.8")}$   
**Weight:** 8kg (17lb)  
**Power:** 20-30VDC, 150W

**Daylight Imager**

**Type:** Full HD 1080p  
**Image Sensor:** 1/2.8" CMOS  
**Number of pixels:**  $\approx 2,380,000$  Pixels  
**Optical Zoom:** 30x (60° to 2°)  
**Digital Zoom:** Yes  
**Interface:** HD-SDI

**Accessories**

**Standard:** Turret Camera Unit  
Hand Controller Unit,  
Interface Unit, Cables

**Optional Sensors:** IMU/INS, Lasers

**Other Options:** Video Tracker, SLASS/Moving Map Interface,  
Geo-Reference capabilities.

**Installation Kit:** Available for most helicopter types, please  
enquire.

