

---

HD Photoelectric Aircraft Camera From <http://www.jammerbooster.com/>

|          |                 |
|----------|-----------------|
| MODEL:   | TH-260B         |
| SIZE:    | 260mm*390mm     |
| PACKAGE: | Neutral Packing |

## HD Photoelectric Aircraft Camera

Model: TH-260B

### Introductions:

The HD Photoelectric Aircraft Camera owns a high-precision two-spindle stabilized platform, with 36 times continuous zooming visible camera and high resolution fixed focus photographing inside. Its' main purpose is for seeking, observing and tracking the targets on the land and water to meet all the application requirements. Sensors can be allocated as required for military or commercial use. It can be used for forest fire protection, customs anti-smuggling, marine rescue, border patrol etc. This machine is compact-sized, cost-effective, can not only be equipped on helicopters, unmanned plane, unmanned aircraft but also on ship and vehicles to meet all kinds of needs. It can be equipped with auto-lifting device for the convenience of fixed-wing UAV application.

### Technical Specifications:

|   |                            |  |
|---|----------------------------|--|
| Visible light camera(2million pixels HD CCD camera can be chosen) | CCD chip                   | 1/4 inch HAD CCD                       |
|   | lens                       | 36 times' optical zooming, 15.6 ?500mm |
|   | Visual angel               | 57.8°?2°                               |
|   | Imaging system             | PAL, frame frequency25HZ               |
| Camera  | Pixel                      | 16 million                             |
|   | Lens                       | 40?150mm/F4.0?F5.6                     |
|   | Angel of view              | 30.3°?8.2°                             |
| Stabilized platform   | Precision of stabilization | ?0.1mrad                               |

|                          |   |                          |
|--------------------------|---|--------------------------|
|                          | Angel measurement                           | ±0.1°                    |
|                          | Search scope                                | N×360°                   |
|                          | Search scope(elevation)                     | ?110°?20°(or customize)  |
|                          | Maximum angular speed of pitching           | ?60°/s                   |
|                          | Maximum angular speed of orientation        | ?60°/s                   |
|                          | Maximum angular acceleration of pitching    | ?100°/s <sup>2</sup>     |
|                          | Maximum angular acceleration of orientation | ?100°/s <sup>2</sup>     |
| Electrical interface     | video output                                | PAL                      |
|                          | communication control                       | RS422                    |
| Power supply             | External power                              | 18?36VDC                 |
|                          | Rated dissipation                           | ?40W,peak?60w            |
| Environmental conditions | Operating temperature                       | ?30?+60?                 |
|                          | Storage temperature                         | ?40?+70?                 |
| Imaging tracking         | Smallest tracking contrast                  | 5%                       |
|                          | Tracking speed                              | ?20°/s                   |
|                          | Static tracking accuracy                    | ?1 pixel                 |
|                          | Tracking algorithm                          | Correlation and centroid |
|                          | Weight                                      | ?10KG                    |
|                          | Dimensions                                  | ?260mm*390mm             |





