

# Thermal Security Monitoring

## General information about ADTC-7037SM Thermal Security Monitoring Systems:

ADTC-7037SM as a high-performance, multi-sensor pan/tilt camera brings dual-channel with thermal and visible-light imaging together.

It can achieve 24/7 continuous long-distance surveillance especially for harbor, coast, military base, etc.

### Main Features:

- ✓ RS485 remote control, support Pelco-D
- ✓ IP66 encapsulation, protection shield for all-weather conditions
- ✓ Two lenses for option: 30mm~150mm, or 60mm/150mm
- ✓ Thermal imaging video & digital video output



## Technical specification of the device:

### Detector Data:

- Detector type:Uncooled FPA
- Detector material:aSi
- IR resolution:640×480
- Pixel pitch:17um
- Spectral range:8~14um
- Detector frequency:50Hz
- Video output:PAL/NTSC
- Sensitivity:60mk

### Lens Data:

- Focal distance FOV:Human (1.8×0.5m) Ship (4×1.5m)
- 30~150mm:WFOV: 20°×15° NFOV4.2°×3° 3.8Km 9.8Km
- 60/150mm:WFOV: 10°×7.5° NFOV: 4.2°×3° 3.8Km 9.8Km
- Lens type:Motorized

### Image Performance:

- Time to image:< 3s
- Brightness & Contrast:Manual/Auto
- Polarity/LUT:White hot/Black hot
- E-zoom:2X、 4X
- Correction:Auto timing correction
- CCD Video Camera
- Resolution:1920×1080
- CCD type:200M 1/1.8" CMOS star-level super
- low-lux gun type digital camera
- Lens:15.6~500mm(32x)
- FOV:0.44~23.12° (wide angle-telescoping)
- Illuminance:Color: Black &White
- Focus:Motor
- Aperture:Auto
- WDR:Yes
- Fog-through:Yes



### **Pan & Tilt:**

- Angle back function:PELCO-D
- Pan angle:0~360°
- Tilt angle:-45~45°
- Pan speed:0.1~30°/s
- Tilt speed:0.1~15°/s
- Presets:80
- Auto scanning:One line
- Auto cruise:One line
- Material:Aluminum alloy

### **Protection Cover**

- Cover appearance:Oyster white coating
- Material:Aluminum alloy
- Sun shade:Yes
- Fan & Heater:Yes
- Interface:Aviation interface

### **Environmental Data:**

- Operating temperature range:-30°C~60°C
- Storage temperature range:-40°C~70°C
- Encapsulation:IP66

### **Physical Data:**

- Size:680mm×450mm×650mm
- Weight:50Kg

### **Interface:**

- Power interface:AC 24V±10%
- Power consumption:≤120W(Normal)
- Video:One RJ45 10M/100M self-adaption Ethernet port
- Support protocols:ONVIF,PSIA,CGI

