

Thermal Security Monitoring

General information about ADTC-7036SM Thermal Security Monitoring Systems:

ADTC-7036SM The series of high-performance, multi-sensor pan/tilt cameras bring dual-channel with thermal and visible-light imaging together.

Their precision pan/tilt mechanism gives you accurate pointing control while providing sharp image and video for critical facilities.

Main Features:

- ✓ Dual-channel: thermal and visible-light camera
- ✓ Multi-lens for option
- ✓ Multiple lenses for option
- ✓ Support Onvif protocol
- ✓ Support Pelco-D protocol
- ✓ IP67 encapsulation, protection shield for all-weather conditions



Technical specification of the device:

Thermal Imaging Camera:

- Detector type:FPA, uncooled detector
- Detector material:aSi
- IR resolution:640×480
- Pixel pitch:17um
- Spectral range:8~14um
- Detector frequency:50Hz
- Video output:PAL/NTSC
- Thermal sensitivity (NETD):60mk
- Lens type:Motor
- Time to image:< 3s
- Brightness/Contrast:Auto/Manual
- Polarity/LUT:White hot, black hot

CCD Video Camera:

- Resolution:1920(H)×1080(V)
- WDR:> 120dB
- SNR :> 60dB
- Minimum illumination:0.1Lux@(F1.2, AGC ON, IRC ON), B/W:
0.002Lux@
- F1.2, AGC ON, IRC OFF)
- Electronic shutter:1/25~1/10000
- Day-and-night switch:With moving filtering
- White balance:Auto
- Digital noise reduction:3D/2D
- Image gain:Auto/Manual/Night
- Blacklight compensation:Auto
- Auto aperture:DC drive
- Lens interface type:C/CS interface
- Zoom focus lens:F=7.75mm(F1.6)~310mm(F5.6)40X

Pan/Tilt:

- Horizontal angle:0~360° continuous rotation
- Vertical angle:-90~+90°
- Horizontal speed:0.1 ~80°/s
- Vertical speed:0.1 ~60°/s
- Control protocol:Pelco-D
- Communication baud rate:2400/4800/9600/19200 bps
- Communication mode:RS485
- Network interface:RJ-45, 10/100Base-T



Power System:

- External power:AC24V±20%
- Power consumption:≤100W

Environmental Data:

- Operating temperature range:-25 °C~+55 °C
- Humidity:< 90%RH

Physical Data:

- Size:310mm×463mm×303mm
- Weight:40Kg

