

# ATE/DVTI



- 530 TVL High Resolution Low Light Color Camera
- 320 x 240 Array Thermal Imaging Camera
- Continuous 360 Degree Pan/180 Degree Tilt Unit
- Weatherproof IP66 Rated
- Shockproof, Suitable for Vehicle Surveillance
- 218 Preset Positions 6 Tour Groups
- Multiprotocol RS485 Communication

## Day/Night Color Camera and Thermal Imaging Camera Combination

Aspect Technology's **ATE/DVTI** provides the best of both worlds...best in class high resolution thermal imaging technology and... a high resolution color camera with .01 lux optical technology. During daylight hours, the **ATE/DVTI** provides 26X optical and 12X digital zoom target detection with 530 TV line resolution. At night, the 76800 pixel thermal imager provides 2X digital zoom target detection in total darkness as well as through obscurants such as fog, steam, dust, smoke, snow and rain. The **ATE/DVTI** offers a distinct advantage that no other type of camera can provide, whether the application is security, surveillance, oil spill detection or search and rescue. A rugged weather protected camera with extensive detection capabilities, the user friendly **ATE/DVTI** combines impressive performance and reliability, making it one of the most effective surveillance cameras currently available. Its uncooled, time proven thermal imaging technology offers thousands of hours of maintenance free operation in a weatherproof design with 360 degree continuous pan and 180 degree tilt capability.

### Features

#### Color Camera

- Optical Technology Base: High Resolution Color Image Sensor
- Picture Elements (H x V in mm): EIA/NTSC: 752H x 582V
- Resolution: 480 Lines
- Min. Illumination: 0.01 Lux
- S/N Ratio: >50dB
- Shutter Speed: 1/1~1/10000s
- Zoom: 26X Optical 12X Digital
- Focus: Auto / Manual
- Focal Length: f=3.5~91.0 mm (Wide) F1.6~4.5(Tele)
- Iris: Auto / Manual
- White Balance: Auto / Manual
- Video Output: 1Vp-p, 75 Ω
- Wide Dynamic: ON/OFF
- Wiper Function

#### Thermal Imaging Camera

- Uncooled LWIR VOx Microbolometer Detector Technology
- Spectral Response: 7.5 to 13.5 Microns
- Resolution: 30µm 320 x 240 pixel array
- Thermal Sensitivity: <85mK @F/1.6
- Contrast/Brightness: Automatic
- Focus factory preset @ infinity; allows for manual focus
- Field of View Options: 14, 20, 27.8, 36 Degree Horizontal
- Zoom: 2X Digital
- Video Output: 1Vp-p, 75 Ω
- Operation Modes: White Hot

#### PTZ

- Outdoor PTZ
- Weatherproof Design, High Die Cast Aluminum, IP66
- Pan Range: 360° continuous
- Pan Speed: 0~80°/sec
- Tilt Range: 180°
- Tilt Speed: 0~40°/sec
- Presets: 128 presets (Total) 6 tour groups
- Communication: Multiprotocol, RS485

#### Physical

- Weight: 22Lbs / 10Kg
- Operating Temperature: -32°C to +55°C
- Shockproof
- Shock: ≥ 4G

#### Power

- Power Supply: 24 AC +/- 10%
- Power Consumption: 2.5A



### ATE/AU40M

Optional Camera Controller With LCD Display

- 3 Axis Joystick Keyboard Control
- 5" Color LCD Screen
- 4 Channel Processor
- OSD Menu
- 4CH Looping Camera Video Output
- Multiprotocol Compatible (Pelco D-P, Vicon, etc.)
- Baud Rate Range: 1200~19200 Bps
- RS-485 RS-232 Output
- 12VDC



**ASPECT TECHNOLOGY & EQUIPMENT, INC**

811 E Plano Pky #107 • Plano, TX 75074 • Phn 972-423-6008/Fax 972-423-7717 • email [aspect@airmail.net](mailto:aspect@airmail.net) • [www.aspecttechnology.com](http://www.aspecttechnology.com)