



# PANTHERA IR

ADVANCED THERMAL ACQUISITION CAMERA



320 x 240 Resolution

## MOBILE/MARINE PAN/TILT THERMAL CAMERA



- Law Enforcement
- Border Patrol
- First Responders
- Search & Rescue
- Surveillance
- Security Vehicles
- Watercraft
- Military

The ATE PANTHERA IR is a low cost, high resolution vehicle mounted or boat mounted thermal imaging system that allows the user to see in total darkness. The ATE PANTHERA IR utilizes a 320 x 240 resolution thermal imaging detector core and is available in black or white. It can easily see man sized targets over 1500 feet in distance. Larger targets such as vehicles and boats can be detected at much longer distances. The thermal imaging detector core uses long-wave infrared sensor technology (8 to 14 microns) that can easily see through smoke, fog, rain and many other obscurants that are not easily penetrated with other technologies. It offers full 360° rotation and 135° tilt viewing range. Models include a hard wired toggle control version or a wireless version with hand-held or dash mounted remote controls. The RF wireless remote control can be programmed to a unique frequency for use with multiple ATE PANTHERA IR systems. The ATE PANTHERA IR is easily mounted using an innovative mounting plate with under-locking interface, a simple two step mounting process. An Optional Magnetic Mount is available that makes the ATE PANTHERA IR portable from location to location. The pan/tilt enclosure uses high torque motors with encased metal gears for trouble free operation. The ATE PANTHERA IR is enclosed in a weatherproof housing that is UV Ray and saltwater resistant for both land and sea applications. The entire system operates on 12VDC that is suited for vehicles and watercraft. Whether use is land based Law Enforcement, First Responder, Surveillance or Security applications, or marine based navigation applications, the ATE PANTHERA IR is the product of choice based on price and performance.

Standard Vision After Dark

ATAC 360° Thermal Vision



# SPECIFICATIONS

## Thermal Imager Performance Specifications:

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Sensor Type: 320 x 240 Uncooled Microbolometer  
Field of View: 35° H x 27° V  
Spectral Band: 8-14 Microns Long Wave Infrared (LWIR)

## Housing Enclosure Specifications:

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Pan / Tilt: 370° Rotation / 135° Tilt  
Speed: Fast / Slow  
Operation: Wired / Wireless Remote Control Options

## Power / Video:

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Power Requirement: 9 - 16 VDC  
Video Output: NTSC / Pal  
Hertz: 30 Hertz

## Size & Weight:

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Dimension: 6.75" x 7.25" x 8"  
Weight: 4 Lbs.

## System:

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Power: 12 VDC  
Video: BNC / RCA  
Warranty: 1 Year Limited

## Models Available:

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ATE PANTHERA IR with Wired In Dash Toggle Remote, 7" LCD Monitor, 25' Video Cable, 25' Power Cable, Backlit Toggle Remote Control, Hardware & Installation Manual. PN: 000612 (Black) PN: 000613 (White)

ATE PANTHERA IR with Wireless Remote Controls (In Dash & Handheld), 7" LCD Monitor, 25' Video Cable, 25' Power Cable, Hardware & Installation Manual. PN: 000614 (Black) PN: 000615 (White)

Riser Mount 2.5" With Hardware & Installation Manual. PN: 000617 (Black) PN: 000618 (White)

Replacement 7" LCD Monitor with Installation Hardware & Manual. PN: 000616

Export: All thermal imaging systems are subject to export control. Standard NTSC (30Hz) and PAL (25Hz) units are subject to export restrictions and licensing by the U.S. Dept. of Commerce. Models with video frame rates at or below 9Hz do not require licensing but do require compliance with other export requirements. Please contact Aspect Technology & Eqpt Inc for details concerning export compliance.



ATE PANTHERA IR shown with wireless remote controls

Please call for additional information.



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