



AMERICAN
TECHNOLOGIES
NETWORK CORP.

Infrared Thermal Pan & Tilt Security Camera Systems



The security of advanced **infrared thermal vision** in a full **pan & tilt camera system** now comes at a price: **the lowest.**

ATN introduces a breakthrough in thermal security cameras. For the first time ever, a high-quality, 60 Hz thermal infrared security camera system--with built-in full pan and tilt capability--is available at a reasonable price (as low as \$3,999*).

Heat and motion

ATN introduces a breakthrough in security monitoring. First, the ATN-TSC line of thermal imaging security cameras breaks the bottom out of the price barrier, starting at about half the cost of most other thermal systems that are only stationary.

Secondly, ATN's 60 Hz frame rate captures even fast moving objects (including running people and moving vehicles) with superb clarity.

Ethernet ready and fully compatible with ONVIF-based industry standard software and hardware, ATN's TSC open-source system even includes advanced analytics such as:

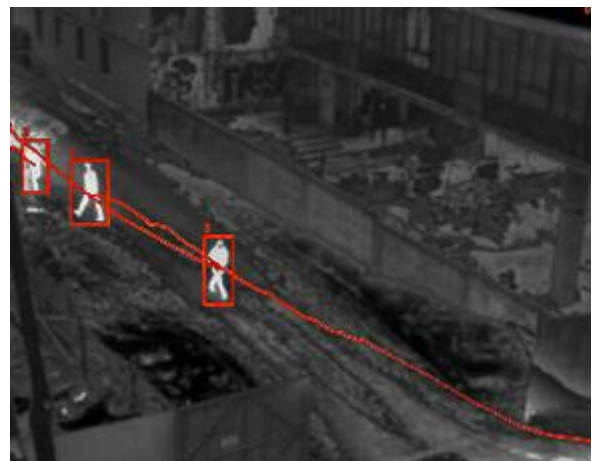
- Multiple target tracking
- Designable secure zones within the image (eliminating false alarms outside of the zone)
- Advanced video enhancement algorithms
- Ability to distinguish between near and far objects

Digital and analog video output and controls make the system suitable for all conceivable security camera needs, from live monitoring to stored data and video.

Incredibly light, incredibly strong

It's sleek, lightweight design (about 9 lbs.) takes the complication out of installation. Plus, it's IP66-rated weatherproof construction endures through the harshest, coldest, hottest, and wettest environments.


The ATN-TSC thermal security system is available in a variety of lens and resolution combinations.



Automatic tracking records paths of multiple targets simultaneously in real time.



Easily configure designated borderlines and secure zones simply by drawing lines.



All-weather operation from -40°F to +140°F (-40°C/+60°C), with weatherproof rating of IP66 (dust tight and protected against heavy seas or powerful jets of water).

60 Hz frame rate enables clear tracking of fast moving objects

Built-in pan and tilt (360°/90°) with 128 preset positions, 5 tour routes, 2 autoscan routines, and adjustable home point.

Auto flip orientation, so after 90° tilt, camera image will automatically flip 180° to show upright view.

Scratch resistant Germanium lens with carbon-coating needs no window, eliminating reflections and fogging.

Motorized focus (on units with 50 mm and 15-90 mm motorized zoom lens).

Automatic calibration assures consistently optimum image quality.

Lightweight at only 8.4 lbs to 9.3 lbs (3.6 kg - 4.2 kg), enabling easy installation by one person without special lift equipment.

Open source IP camera can plug directly into any existing security server and compatible with any pan and tilt controller.

Analog video output supports Pelco D protocol.

Visit www.atncorp.com
Email sales@atncorp.com
Ph. 800-910-2862 or 650-989-5100



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ATN TSC Thermal Security Camera Specifications

MODEL		X1	X2	X3	X4	X5	X6	X7
Detector characteristics	Detector type	FLIR						
	Array size	320x240 pixels			640x480 pixels			
	Frame rate	60 Hz						
	Pixel size	17µm						
Image manage	Magnification							
	Lens	13 mm	26 mm	50 mm	13 mm	26 mm	50 mm	15-90 mm motorized ZOOM lens
	Focus	Fixed		Motorized	Fixed		Motorized	
	Field of View							
	Calibration	Auto						
	Electronic zoom							
	Polarity	White & Black Hot						
	Video Output	IP Protocol / Composite						
Built-in Pan & Tilt	Preset position	128						
	Tour route	5						
	Auto scan	2						
	Left & right limitation scan	359° adjustable						
	Auto flip	after tilt 90°, camera will automatically flip 180°						
	Pan range	360° back and forth rotating						
	Home point	1-255s (adjustable)						
	Tilt range	Vertically 90° back and forth rotating						
	Tilt speed	0.5-120°/s						
	Control mode	IP / Pelco D						
Environment	Operating temperature	from -40°C to +60°C						
	Storage temperature	from -50°C to 65°C						
	Weatherproof rate	IP66						
Power supply	Input Voltage	DC 24 V						
	Power dissipation	2W						
Physical characteristics	Weight	6.4 lb / 3.8 kg	8.5 lb / 3.9 kg	8.4 lb / 3.8 kg	5.5 lb / 3.9 kg	9.3 lb / 4.2 kg		
	Size	13.8 x 6.7 x 8.7" / 350 x 220 x 220 mm						



Built in America by a world leader in thermal imaging and night vision products for military, law enforcement, and civilian missions.

The secret behind the ATN TSC series' feature-rich yet cost-effective advantage is that it comes from a company with nearly two decades of success in designing, building, and distributing the highest quality night vision, precision weapons optics, and thermal imaging devices. American Technologies Network Corporation, located in South San Francisco, CA, provides more than 200 products, proven in the harshest conditions around the globe and trusted by militaries of the United States and NATO, local and federal law enforcement agencies, sportsmen, and others. We bring all this expertise to bear with our introduction of the ATN TSC series, the most advanced and affordable thermal security camera ever available.

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