

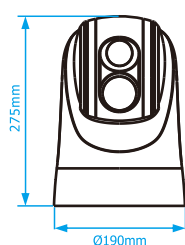
PATC Analog Thermal PTZ Camera



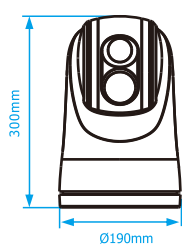
Features

- Up to 640*480 high sensitive thermal imager, 17μm, NETD 60mK;
- Integrated HAD 36X visual zoom module, 550 TVL;
- Aluminum PTZ case with high strength, full weather proof;
- IP index up to IP67;
- Built-in defogging device, working temperature range -20°C~+55°C;
- 3 video outputs: thermal video, visual video and switch video;
- Precise PTZ system with high holding torque, PTZ positioning precision up to +/-0.2°;
- Protocol & baud rate self-adaptive, soft address supported;
- Optional damping system for tough applications;
- Image flip for stand / ceiling mount.

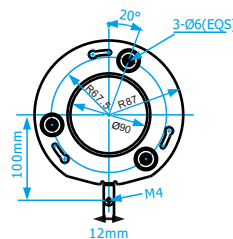
Dimensions



With No Damper



With Damper



Mounting Plate

Technical Data

Model	PATC-Z31936	PATC-Z34036	PATC-Z61936	PATC-Z64036
Thermal Imaging Camera				
Sensor Type	Uncooled Amorphous Silicon FPA			
Resolution	384 x 288	384 x 288	640 x 480	640 x 480
Sensor Size	17μm			
Focal	19mm	40mm	19mm	40mm
Focus	Fixed			
NETD(300K)	≤60mK			
FOV	19.5° x 14.7°	9.3° x 7°	32.0° x 24.2°	15.5° x 11.6°
Detecting Range	Vehicle: 2570m Man: 550m	Vehicle: 5400m Man: 1170m	Vehicle: 2570m Man: 550m	Vehicle: 5400m Man: 1170m
Recognition Range	Vehicle: 640m Man: 130m	Vehicle: 1350m Man: 290m	Vehicle: 640m Man: 130m	Vehicle: 1350m Man: 290m
Digital Zoom	1X, 2X, 4X			
Video Display	Black Hot / White Hot			
Daylight Imaging Camera				
Video Sensor	1/4" SONY EX - View HAD CCD			
Effective Pixel	PAL: 752(H)×582(V); NTSC: 768(H)×494(V)			
Resolution	550 TVL			
Video System	PAL / NTSC			
Zoom	Optical: 36X / Digital: 12X			
Lens	f=3.4mm ~ 122.4mm, F1.6 ~ F4.5			
View Angle	57.8°(H) ~ 1.7°(V)			
Min Illumination	Color: 1.4Lux; Mono: 0.01Lux			
WB	Auto			
Focus	Auto / Manual			
IRIS	Auto / Manual			
S/N Ratio	Not less than 50 dB			
BLC	On / Off			
Digital Image Stabilization	On / Off			
DNR	1-5 Steps / Off			
Day / Night	Auto / Manual			
WDR	Yes			
PTZ				
Pan Range	360° Continuous			
Pan Speed	Control Speed: 0.04° ~ 90°/s; adjustable; Preset Speed: 120°/s			
Tilt Range	-15° ~ 90° (Auto Flip)			
Tilt Speed	Control Speed: 0.3° ~ 60°/s, adjustable; Preset Speed: 90°/s			
Preset No	256			
Preset Precision	±0.2°			
General				
Video Output	1 Channel Thermal Imaging Video; 1 Channel Visual Video; 1 Channel Switch Video;			
Address	0 ~ 255			
Power	35W / 50W (Heater On)			
Working Temperature	-20°C ~ +55°C			
IP Index	IP67			
Anti-Vibration	Pan 9G, Tilt 15G			
Wind Resistance	180 Km/h			
Dimension	Φ190(mm) x 275(mm), W/O Damper; Φ190(mm) x 300(mm), With Damper (Optional);			
Weight	6Kg W/O Damper; 7Kg With Damper (Optional)			