AP2-TI Series

Outdoor Type Intelligence Thermal PTZ Camera

Ventionex
INTERNATIONAL

MAIN FEATURES

Weatherproof design with aluminium die-cast casing

With Germanium glass for Thermal Imaging Camera application

360° continuously Pan

4 programmable tracks, 2 scanning tracks

4-alarm input, 2-alarm output (selection)

Built-in surge/lightning protector

IP66 protection

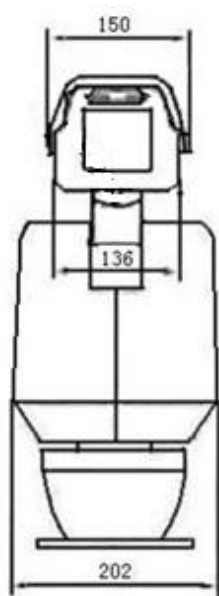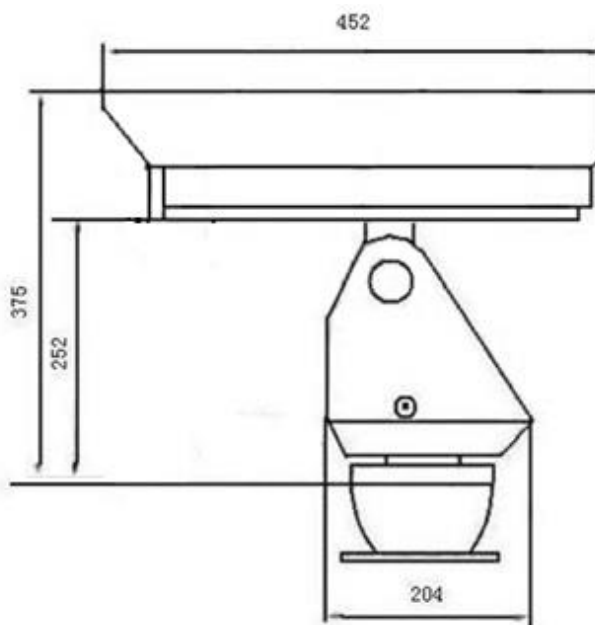384 and 640 resolution Thermal Imaging Camera option

AP2-TI

AP2-TI series Outdoor Type Intelligence Thermal Imaging PTZ Camera is a heavy-duty all-in-one high-tech monitoring product, which integrates universal gear change pan & tilt, multi-function telemetry receiver and alarm function. This Thermal Imaging PTZ camera is very easy to install and maintain with many features like perfect shape, responsive and simple operation.

It is a high compatibility product consists of built-in telemetry receiver with multi-protocol. The horizontal rotation is continuous and during low speed circulating, it is very stable and low noise. When the system identifies the alarm signal, the pan & tilt and camera will response immediately to report the picture of alarm district to main monitor.

AP2-TI can be integrated with most type of thermal imaging camera, for easier selection and application to suit various operating environment. It is designed for rough outdoor environment operation, with built-in sunshield to reduce the temperature caused by direct sunlight.
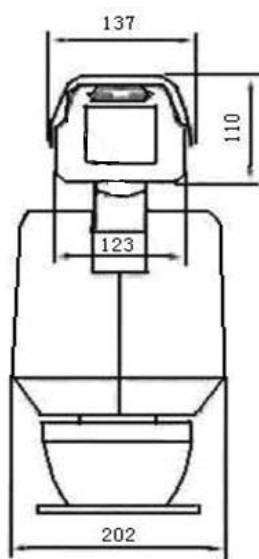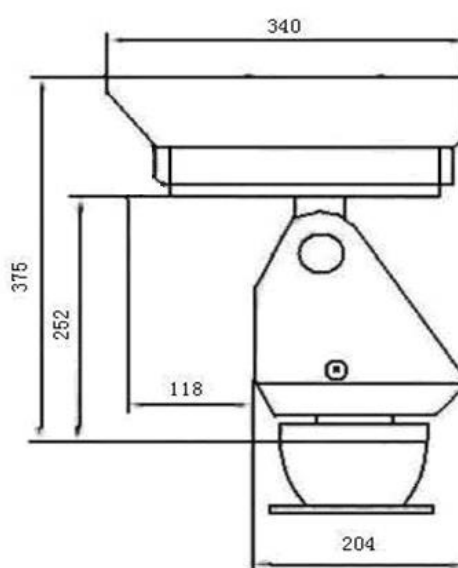
Front Dimensions (AP2-TI-L)

Side Dimensions (AP2-TI-L)

DS-AP2-TI-r5

AP2-TI Series

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Front Dimensions (AP2-TI)

Side Dimensions (AP2-TI)

TECHNICAL DATA

GENERAL

Ingress Protection IP66

Relative Humidity 90%

MECHANICAL

Die-cast aluminum material

Germanium window glass (optional size from 35mm to 100mm, please specify)

Pan range 360° continuously

ELECTRICAL

Operating Voltage : AC24V 50/60Hz

Power consumption 60VA

Built-in surge/lightning protector

TELEMETRY RECEIVER

RS485 or RS422 connection

Pelco D and Pelco P. Other protocols based on request.

4 programmable tracks, 2 scanning tracks

4-alarm input, 2-alarm output (selection)

128 preset (max)

STANDARD FITTED

Sunshield

OPTIONAL ACCESSORIES

WBAP2, wall mount bracket

DS-AP2-TI-r5

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THERMAL CAMERA & HOUSING OPTION	AP2-TI-L-300	AP2-TI-300	AP2-TI-L-600	AP2-TI-600
Resolution	384 x 288		640 x 480	
Effective Resolution	110,592		307,200	
Operating Temperature	-30°C to 50°C			
Overall dimension (WxHxD)	202×468×452mm	202×468×340mm	202×468×452mm	202×468×340mm
Internal housing usable size (WxHxD)	105x85x170mm	95×50×110mm	105x85x170mm	95×50×110mm
Weight without camera module	9kg	8kg	9kg	8kg
Pan Speed	0.1° ~ 80°/s			
Tilt Speed	0.1° ~ 60°/s			
Tilt range	+60° ~ -50°			
Detector Type, Thermal Sensitivity (NETD)	LWIR, Uncooled A-Si Microbolometer 60mK(average) @ f/1, 60Hz, 300K			
Spectral Range	8 to 14 μm			
Footage Temperature Range	-20°C to 300°C			
Pixel Pitch	25 μm		17μm	
Zoom	2x & 4x Digital Zoom			
Frame Rate	NTSC: 60Hz, PAL: 50Hz			
Color Variation	8 color palettes (Gray / Iron / Rain_v1,2,3 / Half_gray / Yellow / MidGrey Fire / BlueRed)			
Function	Brightness(-10 to 10), Contrast(-10 to 10), Invert, Mirror, Flip on/off, Hot/Cold Indicator, Center Indicator on/off			
Image Filter	Off/Sharpen1/Sharpen2/NR1/NR2			
Start-up	< 2 Seconds			

LENS SELECTION (optional)		
Focal Length(HxVxD)	**Focusing Range**	**F/#**
12mm(43.6°X33.4°X53.1°)	∞ ~ 0.25m	1.0
20mm(27°x20.4°x33.4°)	∞ ~ 0.3m	1.0
35mm(15.6°x11.7°x19.5°)	∞ ~ 0.5m	1.0
50mm(11°x8.2°x13.7°)	∞ ~ 2.5m	1.0