

ThermalTronix

TT-1100PXB-DVACS

Technical Specifications



FEATURES

- ❖ Two independent channels video output, thermal video and visual video.
- ❖ Image enhancement function improve detection ability.
- ❖ Multi-definite modes, which meet different needs.
- ❖ RS-485 control, support PELCO-D/P.
- ❖ Detection human at distance of 3 km.
- ❖ Integrated Housing with IP 66, all weather surveillance design.

DESCRIPTION

All weather surveillance site like: Factory Park, airport, parking pot, sea costal, etc.

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SPECIFICATIONS

Items	<i>ThermalTronix TT-1100PXB-DVACS</i>	
Thermal imaging camera	Detector characteristics	
	Detector type	Uncooled FPA microbolometer
	Pixels	384x288
	Pixel size	25µm
	Image manage	
	Focus length	30mm/100mm
	WFOV	16.7°x12.5°
	NFOV	5.5°x4.1°
	Spatial resolutions	0.75mrad/0.25mrad
	NETD	≤100mk@30°C
	Frame rate	50HZ
	Focus	Electronic focusing
	Spectral range	8-14µm
	Thermal image adjust	
	Brightness/Gain adjustment	Manual brightness/gain; Automatic brightness/manual gain; Automatic brightness/gain
	Automatic adjust brightness/gain mode	2 fixed modes, 8 user-defined modes
	Image polarity	Hot black/hot white
Electronic zoom	2X	
Enhancement	Yes	
Calibration	Automatic timing correction	
CCD camera	Resolution	Total pixels 795(H)x596(V), Effective pixels 752(H)x582(V)
	Imaging Device	1/4"Super HAD CCD
	Lens	3.66-91.36mm (F1.65-3.0), 25x optics, 16x digital
	Horizontal resolution	Color 600 line, black and white 700 lines
PTZ	Horizontal angle of rotation	0~360° Continuous rotation
	Vertical angle of rotation	-75°~+40°
	Horizontal rotation speed	0.01°~60°/S
	Vertical rotation speed	0.01°~30°/S
	Preset	80
Guards	Structure	Aluminum
	Fan	Yes

Power supply	External power	AC24V±10%
	Power consumption	≤250W @25°
Environment	Operating temperature	-20°C~55°C (can expand to -40°C~60°C)
	Storage temperature	-40°C~70°C
	Encapsulation	IP66
Physical characteristics	Weight	≤30Kg
	Dimensions (L×W×H)	400 mm×262mm×471mm
Interface	Power interface	Yes
	Video output	Analog IR video and analog CCD video output
	Serial ports	RS485, support PELCO-D/PELCO-P