ThermalTronix

TT-1150PXB2-DVACS
Technical Specifications

FEATURES

- ❖ 384x288 pixels amorphous silicon micro-bolometer.
- ❖ 150/60 mm lens design for two different FOVs.
- ❖ Integrate with 43 X optical zoom visual camera to meet different detection request.
- ❖ Two independent channels video output, thermal video and visual video together or only one channel video output by manually switch, or automatically switch by light condition.
- ❖ Image enhancement function improve detection ability.
- ❖ Multi-definite modes, which meets different needs.
- ❖ RS-485 control, support PELCO-D/P.
- ❖ Detection human at distance of 5 km.
- ❖ Integrated Hosing with IP66, frozen after power off, compact design.

DESCRIPTION

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

SPECIFICATIONS

Items	*ThermalTronix* TT-1150PXB2-DVACS
Two head surveillance system	
Thermal Imaging Camera	
Detector type	Amorphous silicon micro-bolometer
Spectral range	8~14µm
Pixels	384×288
Pixel size	25µm
Focus length	150mm/60mm
FOV	9.17°×6.88°/3.67°×2.76°
Video output	PAL
Frame rate	50Hz
Electric zoom	2X
Image polarity	Black hot/White hot
Interface	RS485, PELCO-D/PELCO-P/Intellisystem

Visual Camera		
All-in-one camera	**Resolution**	Totally 795(H)x596(V), Effective 752(H)x582(V)
	Pick-up device	1/4"Super HAD CCD
	Lens	3.5~138.5mm, 43x optical zoom
	Horizontal resolution	Color 600TVL, B/W700TVL
	Focus	Auto
	IRIS	Auto

Pan-tilt	
Angle show function	PELCO-D
Horizontal angle of rotation	0～360°continuously rotation
Vertical angle of rotation	-45°～+45°
Horizontal rotation speed	0.01°～30°/S
Vertical rotation speed	0.01°～15°/S
Preset	80
Auto scan	1
Auto tour	1
Material	Aluminum

Housing	
Color	Anti-paint white
Material	Aluminum

Connector	High level aviation connector
Sun shield	Yes
Heater	Built-in temp sensor for automatically control (heating and Fan)
Protection level	IP66
System characteristics	
Dimensions	650mm×500mm×650mm (with suns shield)
Protection level	IP66
Weight	50kg
Working Temp	-40°C ~ 60°C
Humanity	≤90% (non-condensing)
System interface	
Video output	2 CHs
Com	RS485
Protocols	PELCO-D/P
Baud rate	2400/4800/9600 bps
Power supply	AC 24V±25%
Power consumption	<300W (add heater)