

ThermalTronix

TT-1600PAM-DVIPCS

Thermal Imaging Camera



FEATURES

- ❖ High sensitivity cooling focal plane detector.
- ❖ Thermal imaging 600mm / 250mm / 50mm focal length, long-range detection.
- ❖ Optical three fields of view, to meet the detection, identification of different requirements.
- ❖ 9KM human / 30KM medium-sized vessels to detect.
- ❖ Infrared camera + visible light camera dual output or single video output image day / night automatic / manual switch.
- ❖ With Digital Image Enhancement (DDE), function to enhance the detection of small targets.
- ❖ A variety of user-defined auto-configuration mode to meet the detection requirements of various scenarios.
- ❖ Strong wind structure design, power-down self-locking function, low-speed operation stable.
- ❖ Integrated professional guard, all-weather environmental design, protection class IP66.
- ❖ Support the angle of return and angle control functions.

DESCRIPTION

For oil fields, reservoirs, factories, borders, coasts, airports and other places around the clock security monitoring.

SPECIFICATIONS

Items	<i>ThermalTronix TT-1600PAM-DVIPCS</i>	
Thermal Imaging Camera	Detector type	HgTeCd Cooled FPA detector
	Pixel size	30um
	Spectral wave	3~5um
	Array size/format	320x256
	Frame rate	50Hz
	Starting time	<8min (When normal temperature 25 degrees)
	Field of view	WFOV: 11°x8.8°(50mm) MFOV: 2.2°x1.76°(250mm) NFOV: 0.92°x0.73°(600mm)
	Focus	Electrical
	Brightness/gain control	Manual brightness/gain; Automatic brightness/manual gain; Automatic brightness/gain
	Polarity reversal	Black hot/white hot
	Electronic zoom	2x
Visual Camera	Resolution	Total pixels 795(H)x596(V), Effective pixels 752(H)x582(V)
	Horizontal resolution	Color 560 line, black and white 580 lines
	Imaging Device	1/2"
	Lens	15.6 ~ 500mm
	Focus	Automatic
	Iris	Automatic
Pan &Tilt	Horizontal angle of rotation	0~360° Continuous rotation
	Vertical angle of rotation	-45°~+45°
	Horizontal rotation speed	0.01°~30°/S
	Vertical rotation speed	0.01°~15°/S
	Preset	80
	Structure	Aluminum
	Heater	Yes
	Fan	Yes
Power supply	External power	AC24V±10%
	Power consumption	≤300W @25° (including heater)
Environment	Operating temperature	-35°C ~ 60°C
	Encapsulation	IP66
Physical characteristics	Weight	≤50Kg
	Dimensions (LxWxH)	620mmx420mmx400mm
Interface	Power interface	Yes
	Video output	PAL, 2 channel analog video output
	Serial ports	RS485, support PELCO-D/PELCO-P