ThermalTronix

TT-CXL-DVACS Series
Thermal Camera Specifications

FEATURES

Thermal Camera

- ❖ Fixed thermalized lens.
- ❖ AUTO calibration.
- ❖ Manual or Automatic brightness/gain adjustment.
- ❖ Image Noise Reduction function: reduce Image background noise.
- ❖ Image enhancing function: enhance the ability to detect small object.

CCD Camera

- ❖ With the state-of-the-art digital signal processing technology, full digital image processing and special algorithm of 600-line high resolution implemented.
- ❖ High Sensitivity: It implements images of high sensitivity using the up-to–date Super-HAD CCD.
- ❖ High performance surveillance camera, 25X optical zoom and 16X digital zoom.

PTZ

❖ Preset：80 presets can be setup.

❖ Support 0° ~ 360° (pan) continuous rotation.

❖ Top load of tilt is ±90°.

❖ RS485, support PELCO-D/PELCO-P protocol.

❖ IP66, full weatherproof.

SPECIFICATIONS

Items		*ThermalTronix* TT-CXL-DVACS Series	
Thermal Imaging Camera	**Detector characteristics**		
	Detector type	Un-cooled FPA micro-bolometer	
	Resolution	384*288	
	Detector pitch	25μm	
	Frame rate	50HZ	
	Image characteristics		
	Lens	**TT-C1009XL-DVACS**	f=9mm
		TT-C1018XL-DVACS	f=18mm
		TT-C1037XL-DVACS	f=37mm
		TT-C1050XL-DVACS	f=50mm
	NETD	≤100mk	
	Focus Range	Athermalized, focus-free	
	Functions		
	Brightness/gain control	Manual brightness/gain; Automatic brightness/manual gain; Automatic brightness/gain	
	Automatic brightness/gain configuration adjustment	2 fixed patterns, 8 users from definition establishment pattern	
	Polarity reversal	Black hot/white hot	
	Electronic zoom	2x	
	Noise reduction	Yes	
	Image	Yes	
	Calibration	Automatic calibration	
CCD Camera	Resolution	Total pixels 795(H)x596(V), Effective pixels	
	Imaging Device	1/4"Super HAD CCD	
	lens	3.66-91.36mm(F1.65-3.0), 25x optics, 16x digital	
PTZ	Horizontal Resolution	Color: 600TV lines, B/W:700TV lines	
	Horizontal rotation	0° ~ 360° continuous rotation	
	vertical rotation	-90°～+90°	
	Horizontal rotation	0.01°～60°/S	
	vertical rotation	0.01°～30°/S	
	Heater	YES	
	Fan	YES	
Power supply	Voltage	AC24V	
	Power	<250W（including heating）	
Environment	Operating temperature	-20℃ ~ +55℃	
	Storage temperature	-45℃ ~ +70℃	
	Protection	IP66	
Physical characteristics	Weight	≤17Kg	
	Dimensions	322mm(W)×470mm(H)×268mm(D)	
Interface	Input voltage	AC24V	
	Analog video	2 BNC, PAL	
	Serial port	RS485 (PELCO-D/PELCO-P)	