

ThermalTronix

TT-CNL-DVIPCS Series

Thermal Imaging Camera



FEATURES

Thermal camera could easily detect targets in the fog frost, rain frost and night.

Multiple optional lenses for thermal camera, meet different requirements of surveillance distance.

Thermal Image enhancement function, improve detection ability.

1920×1080 resolution visible light camera, 20x optics.

Easy integration into IP network, support multiple network and PTZ control protocols, video transmission over Ethernet.

SPECIFICATIONS

Items		<i>ThermalTronix TT-CNL-DVIPCS Series</i>	
Detector Characteristics	Detector type	Un-Cooled FPA Micro-Bolometer	
	Resolution	384*288	
	Detector pitch	25µm	
	Frame rate	50HZ	
Image Characteristics	Lens	61.1°×45.8°(9mm)	TT-1009CNL-DVIPCS TT-1018CNL-DVIPCS TT-1037CNL-DVIPCS TT-1050CNL-DVIPCS TT-1075CNL-DVIPCS
		30.6°×22.9°(18mm)	
		14.8°×11.1°(37mm)	
11°×8.2° (50mm)			
7.3°*5.5°(75mm)			
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 function	Yes	
	Image intensification function	Yes	
	Calibration	Auto/Manual calibration	
CCD Camera			
Resolution	1920×1080		
Imaging Device	1/2.8" Progressive Scan CMOS		
Lens	4.7-94mm (F1.6-3.5), 20x optics		
PTZ			
Horizontal rotation degrees	0°~360° continuous rotation		
Vertical rotation degrees	-90°~+90°		
Horizontal rotation speed	0.1°~9°/S		
Vertical rotation speed	0.1°~4°/S		
Preset	80		
Heater	YES		
Fan	YES		
Interface			
Video Over Ethernet	RJ45		
Video compression	IR video (H.264/MPEG4/MPEG2/MJPEG)		
	CCD video (H.264/MPEG4)		
Protocols	TCP/IP ,IPv4/v6,HTTP,OnVIF,PTZ control protocols		
General			
Voltage	AC24V		
Power Consumption	<200W (including heating)		
Operating temperature	-40°C~ +50°C		
Storage temperature	-45°C~ +70°C		
Protection	IP66		
Weight	≤20Kg		
Dimensions	500mm(L)×350mm(W)×300mm(H)		