ThermalTronix

TT-CNH-DVIPCS Series
Thermal Imaging Camera

FEATURES

- ❖ Thermal camera could easily detect targets in the fog frost, rain frost and night.
- ❖ Provide 640*480 thermal resolution to give you greater image detail.
- ❖ Multiple optional lenses for thermal camera, meet different requirements of surveillance distance.
- ❖ 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		ThermalTronix TT-CNH-DVIPCS	
Detector Characteristics	Detector type	Un-cooled FPA micro-bolometer	
	Resolution	640*480	
	Detector pitch	17μm	
	Frame rate	50HZ	
Image Characteristics	Lens	69.3°×52.0°(9mm)	**TT-1009CNH-DVIPCS**
		34.6°×26.0°(18mm)	**TT-1018CNH-DVIPCS**
		16.8°×12.6°(37mm)	**TT-1037CNH-DVIPCS**
		12.5°×9.4° (50mm)	**TT-1050CNH-DVIPCS**
	NETD	≤100mk	
	Focus Range	Athermalized, focus-free	
Functions	Brightness/gain control	Manual brightness/gain; Automatic brightness/manual gain; Automatic brightness/gain	
	Polarity reversal	Black hot/White hot	
	Electronic zoom	2x,4x	
	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	
Angular Field of View		61.4-2.9°(Wide-Tele)	
Min. Illumination		Color：0.05Lux @ (F1.6，AGC ON)	
		B/W：0.01Lux @ (F1.6，AGC ON)	
Focus control		Auto	
PTZ			
Horizontal rotation degrees		0° ~ 360° continuous rotation	
Vertical rotation degrees		-90°～+90°	
Horizontal rotation speed		0. 1°～9°/S	
Vertical rotation speed		01°～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		-20℃ ~ +50℃	
Storage temperature		-40℃ ~ +70℃	
Protection		IP66	
Weight		≤20Kg	
Dimensions		<500mm×350mm×300mm	