

# ***ThermalTronix***

## **TT-1040CXS-DVACS**

### **Thermal Camera Specifications**



#### **FEATURES**

- ❖ Thermal camera could easily detect targets in the fog frost, rain frost and night.
- ❖ 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-1040CXS-DVACS</i>
<b>Thermal Imaging Camera</b>		
<b>Detector Characteristics</b>	Detector type	Un-cooled FPA micro-bolometer
	Resolution	384*288
	Detector pitch	25µm
	Frame rate	50HZ
<b>Image Characteristics</b>	Lens	13.8°×10.3°(40mm)
	NETD	≤100mk
	Focus Range	Electronic focus
<b>Functions</b>	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	
<b>CCD Camera</b>		
Resolution	1920×1080	
Imaging Device	1/2.8" Progressive Scan CMOS	
Lens	4.7-94mm (F1.6-3.5), 20x optics	
<b>PTZ</b>		
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	
<b>Interface</b>		
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	
<b>General</b>		
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)	