

# *ThermalTronix*

## TT-CXS-DVACS

### Thermal Camera Specifications



#### FEATURES

- ❖ 384x288 uncooled FPA detector.
- ❖ TT-1040CXS-DVACS: 13.7°X10.3° field of view (Recognition distance: to person>400m; to vehicle>900m).
- ❖ TT-1075CXS-DVACS: 7.5° X5.7° field of view (Recognition distance: to people>900m; to vehicle>1700m).
- ❖ Automatic timing correction, auto focus.
- ❖ Super HAD CCD, 25x optics.
- ❖ Pan angle: 0°~360° continuous, tilt angle: ±90°, 80 presets.
- ❖ RS485, support PELCO-D/PELCO-P protocol.
- ❖ IP66, full weatherproof.

#### DESCRIPTION

For road monitoring, perimeter guard, channel management, marine reconnaissance patrol, etc.

## SPECIFICATIONS

Items	<i>ThermalTronix TT-CXS-DVACS</i>		
<b>Thermal Imaging Camera</b>	<b>Detector characteristics</b>		
	Detector type	Un-cooled FPA micro-bolometer	
	Resolution	384*288	
	Detector pitch	25µm	
	<b>Image characteristics</b>		
	lens focus	<b>TT-1040CXS-DVACS</b>	f=40mm, F#=0.9
		<b>TT-1075CXS-DVACS</b>	f=75mm, F#=0.9
	Spatial resolution	0.33mrad	
	NETD	≤120mk@f/1,300k,50Hz	
	Focus	Auto focus according to scenery variety	
	Field of view	<b>TT-1040CXS-DVACS</b>	13.7°x10.3°
		<b>TT-1075CXS-DVACS</b>	7.3°x5.5°
	<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		
Adjustment function	Starting automatic correction, normal work subsequent party dynamic correction		
<b>Visible light camera</b>	Resolution	600(H)x350(V)	
	CCD	Super-HAD IT CCD	
	lens	3.66~91.36mm (F1.65~3.0), 25x	
<b>PTZ</b>	Horizontal rotation degrees	0°~360° continuous rotation	
	Vertical rotation degrees	-90°~+90°	
	Horizontal rotation speed	0.01°~60°/S	
	vertical rotation speed	0.01°~30°/S	
	Heater	YES	
	Fan	YES	
	Sun shade	YES	
<b>Power supply</b>	Voltage	AC24V	
	Power loss	<250W ( including heating )	
<b>Environment</b>	Operating temperature	-20°C- +50°C	
	Storage temperature	-45°C- +65°C	
	Protection	IP66	
<b>Physical characteristics</b>	Weight	≤17Kg	
	Dimensions (WxHxD)	320mmx470 mmx270mm	
<b>Interface</b>	Input voltage	AC24V	
	Analog video	2 BNC, PAL	
	Serial port	RS485	