

ThermalTronix

TT-H-BFTC Series

Thermal Camera Specifications



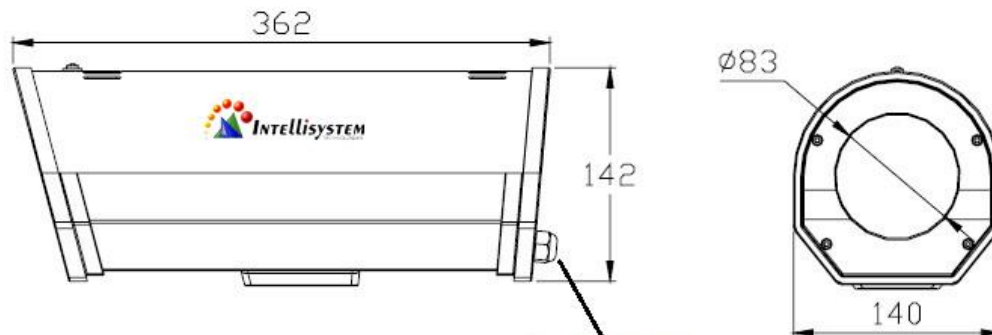
FEATURES

- ❖ 640*480 uncooled detector.
- ❖ 2X, 4X Digital zoom.
- ❖ Black hot/White hot switch.
- ❖ Automatic/Manual calibration.
- ❖ RS485 interface, support PELCO-D protocol.
- ❖ Weatherproof, IP66.

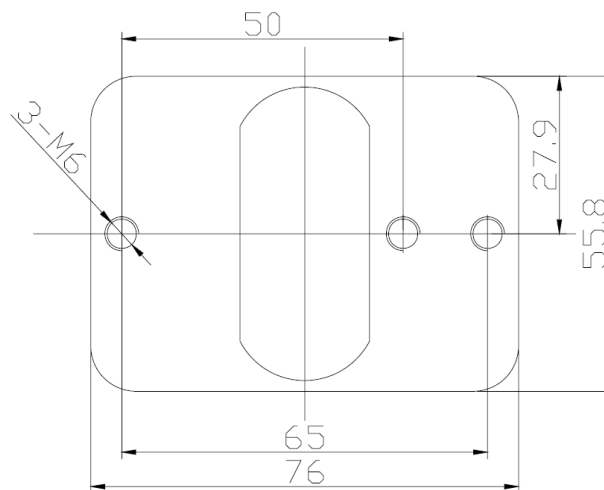
DESCRIPTION

Road monitoring, perimeter guard, channel management, marine reconnaissance patrol, etc.

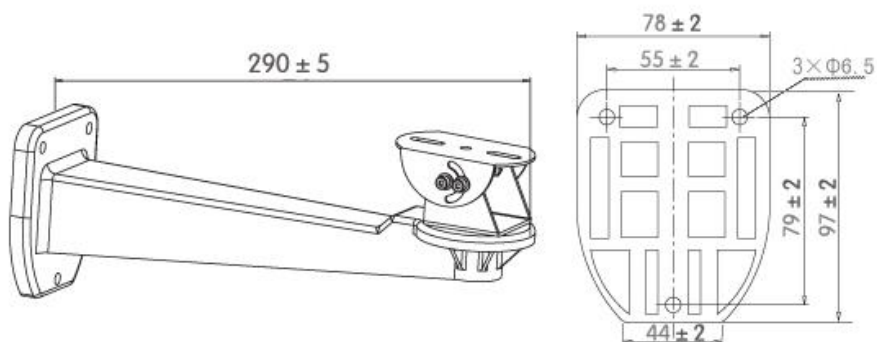
DRAWING



Thermal camera



Bottom side of thermal camera



Wall mount bracket (optional accessory)

SPECIFICATIONS

Items	<i>ThermalTronix</i>			
	TT-1009H-BFTC	TT-1018H-BFTC	TT-1037H-BFTC	TT-1050H-BFTC
Detector type	Uncooled FPA microbolometer			
Array size	640x480			
Pixel	17um			
Spectral range	8~14um			
Frame rate	50HZ			
Focal length	9mm	18mm	37mm	50mm
Field of view	69.3°x52.0°	34.6°x26.0°	16.8°x12.6°	12.5°x9.4°
F number	F1.0			
Focus	Athermalized, focus-free			
Free focus range	0.8m~∞	3m~∞	12m~∞	23m~∞
NETD	≤100mK			
Gain/Brightness adjustment	manual brightness/gain; auto brightness/manual gain; auto brightness/gain			
Polarity inversion	white/black hot mode			
Digital zoom	1\2\3\4X			
Calibration	Automatic/Manual			
Power supply	DC 12V (without heater)			
Consumption	≤60W (with heater and blower)			
Operation temperature	-25°C~+50°C			
Encapsulation	IP66			
Weight	3.5kg			
Interface	RS485 (PELCO-D), IR video out			
Size	362(L)x140(W)x145(H)			