

ThermalTronix

TT-MDL-A-SDA

Thermal Camera Specifications



FEATURES

- ❖ Integration of thermal imaging camera and CCD.
- ❖ 360° continuous rotation.
- ❖ The whole die coating of aluminum alloy with internal metal structure.
- ❖ RS485 and PELCO-D/PELCO-P.

DESCRIPTION

Especially suitable to the day/night surveillance in residential and commercial district, etc.

SPECIFICATIONS

Items	<i>ThermalTronix</i>	
	TT-1018MDL-A-SDA	TT-1037MDS-A-SDA
Double visual imaging system		
Detector type	Uncooled FPA microbolometer	
Spectral range	8~14um	
Resolution	384×288	
Pixel size	25um	
Focal length	18mm	37mm
Field of view	30.6°*22.9°	14.8°*11.1°
Lens	Fixed, athermalized	
Video out	PAL mode	
Frame rate	50Hz	
Polarity	White hot/Black hot	
Communication	RS485, Support PELCO-D/PELCO-P/Intellisystem	
Visual Camera		
CCD Camera	Resolution	PAL: 752(H)×582(V) / NTSC:768(H)×494(V)
	Imaging device	1/4" SONY EX-View HAD CC
	Lens	3.4 mm to 122.4 mm/ F1.6 to F4.5, 36X
	Horizontal resolution	Color: 550TV lines, B/W: 570TV lines
Pan & Tilt		
Angle info feedback	Support (PELCO-D protocol)	
Horizontal angle of rotation	0 ~ 360° continuous rotation	
Vertical angle of rotation	-3°~93°	
Horizontal rotation speed	0.05° -150°/s	
Vertical rotation speed	0.05° ~100°/s	
Preset	128	
Material	Camera body in aluminium alloy, housing in aluminium alloy	
Physical characteristics		
Dimensions	Φ245(mm)×375(mm)	
Encapsulation	IP66	
Weight	7kg	
Operation temp	-40°C ~ 55°C	
Storage temp	-40°C ~ 70°C	
Interface		
Video output	PAL; 2 channels	
Communication	RS485	
Protocol	Support PELCO-D/P	
Baud rate	2400/4800/9600 bps	
Power Supply	AC24V±4V	
Power Consumption	50W	