

# ***ThermalTronix***

## **TT-MDL-B-SDA**

### **Online observation thermal imaging system**



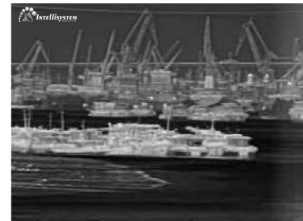
#### **Application**

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



#### **Features**

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



# TT-MDL-B-SDA SPECIFICATIONS



Items	TT-1018MDL-B-SDA	TT-1037MDL-B-SDA
Double visual imaging system		
Detector type	Uncooled FPA microbolometer	
Spectral range	8~14μm	
Pixels	384×288	
Pixel size	25μm	
Focus length	18mm	37mm
FOV	30.6°×22.9°	14.8°×11.1°
Lens	Focus free, Athermalized	
Video output	PAL	
Frame rate	50Hz	
Image polarity	Black hot/White hot	
Interface	RS485,Support PELCO-D/PELCO-P/Intellisystem	
Pan-tilt		
Horizontal angle of rotation	0~360° Continuously rotation	
Vertical angle of rotation	-3°~ 93°	
Horizontal rotation speed	0. 5° ~ 160°/s	
Vertical rotation speed	0. 5° ~ 100°/s	
Preset	255	
Intelligent model	Auto tracking	
Material	Camera body in aluminium alloy, housing in aluminium alloy	
Physical characteristics		
Dimension	Φ245(mm)×375(mm)	
Encapsulation	Ip66	
Weight	7kg	
Operation temp	-20°C ~ 55°C	
Storage temp	-40°C ~ 65°C	
Interface		
Video output	PAL; 1 channels	
Communication port	Rs485	
Protocol	Support PELCO-D/P	
Power supply	AC24V±4V	
Power consumption	40W	

▲ The information contained in this document is subject to change without notice

## Observe the distance

Detection:3 pixels on target ,Recongnition:6 pixels on target

Detect/Identify(Unit:km)	TT-1018MDL-B-SDA	TT-1037MDL-B-SDA
1.8m Human(detection)	0.55km	0.88km
2.3m Vehicle(detection)	3.0km	1.1km
1.8m Human(recognition)	0.21km	0.44km
2.3m Vehicle(recognition)	0.27km	0.56km

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