

Infrared Thermal Imaging Camera

WDM-TI2010



Features

- Full-screen temperature measurement in the field of view, automatic tracking the images of the highest temperature and lowest temperature, support temperature alarm, fire alarm;
- Support trip wire, beyond the boundary and other behavioral intelligence analysis;
- Highest temperature, lowest temperature, average temperature, temperature data OSD overlay screen display;
- One RJ45 standard 100M network port can transmit visible light and infrared thermal imaging video, supporting free switching of infrared and visible images;
- Up to 6 monitoring areas can be set up, and the highest temperature, lowest temperature and average temperature of each area can be displayed;
- Can switch 18 kinds of palette, iron red, rainbow, black heat, white heat, etc;
- Support different code stream switching, can adapt to different conditions of the network environment;
- Support ONVIF, GB/T28181 and other network protocols;
- Support Web, PC and mobile phone three platform client for real-time video monitoring.

Applications

It can be widely used in close - range scene monitoring, such as indoor fire prevention, warehouse fire protection, power monitoring, fire point recognition, intrusion recognition, etc.

Specifications

Model No.	WDM-TI2010
Thermal camera	
Resolution/Pixel size	160×120/12μm
NETD	≤50mK(@25℃,F#=1.0)
Angle of View	57°×44°
Detection range(meters)	(People wide: 0.5m; Vehicle wide: 1.4m) Probe Vehicle: 150; Probe People: 53 Reconigize Vehicle: 37; Reconigize People: 13 Identify Vehicle: 18 ; Identify People: 6
Frame rate	9fps
Visual camera	
Sensor	1/2.7 inch CMOS
Resolution	2.0Megapixels
Angle of View	91°×48°
Focus	4mm
Frame rate	30fps
Fill light	30m infrared fill light
Functions	
Interface	Audio I/O, alarm I/O, BNC video output, 10M/100M RJ45
Network protocol	Support RTSP, ONVIF, GB/T28181, RTP, TCP, UDP, UPNP and PPPoE, etc.
Max image size	1920*1080(visual),640*480(infrared)
Video compression	H.264/H.265
Temperature measurement	Full-screen and partial temperature measure Low gain mode:-10℃~+150℃, ±3℃/±3% High gain mode:-10℃~+450℃, ±7℃/±7%
Abnormal temperature alarm	High & low temperature limit value, partial temperature difference value alarm supported
Full product parameter	
Working temperature/humidit	Temp:-20℃~+55℃, humidity≤90%
Ingress protection	IP67
Power	DC12V, ≤5W(Without heating)
Size/weight	100*80*245mm, ≤1kg