

# IR DLD-T

Temperature measurement Camera



## IR DLD-T

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640×480/384\*288 uncooled focal plane micro thermal detector



Athermalized fixed focal length lens, not affected by high or low-temperature environment



Support 1 channel hardware alarm input and 1 alarm output



Support Modbus RTU/TCP temperature output



Outdoor IP66 encapsulation from lightning and surge




Support ONVIF Profile-S/G




Supports POE power supply

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Items	IR DLD-T series technical parameter			
	IR DLD-T309/337	IR DLD-T609/637	IR DLD-T613	IR DLD-T625

## IR

Detector type	Uncooled a-Si focal plane microthermal type	uncooled VOx focal plane microthermal type	
Resolution	384*288	640*480	640*480
Pixel spacing	17 um		

## Lens

Resolution	9mm	37mm	9mm	37mm	13mm	25mm
FOV	39°x 31°	10°x 8°	69°x52°	17°x 13°	48°x 36°	25°x 19°
Focus method	Fixed athermalization, waterproof lens, hard carbon film					

## Inclination

Range	0-90 degrees
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## Temperature measurement

Temperature measurement range	The 1st gear : -20°C~180°C ; the 2nd gear : 100°C~600°C	
Temperature measurement accurac	±2°C or ±2% of reading range, whichever is larger	
Temperature measurement mode	Real-time 6 movable points, 6 movable areas, and 3 line temperature measurement (maximum temperature, minimum temperature capture, average temperature measurement)	Real-time 10 movable points, 10 movable areas, 3 line temperature measurement (maximum temperature, minimum temperature capture, average temperature measurement), and support irregular box drawing
Emissivity correction	Emissivity adjustable from 0.01 to 1.0	
Temperature unit	Degrees Celsius	Degrees Celsius and Fahrenheit
Temperature correction	Distance temperature correction, linear temperature correction	
Raw image output	25Hz	

## Alarm function

alarm	High temperature alarm	High temperature and low temperature alarms are generated in multiple modes
Alarm in & out	1 channel alarm input and 1 alarm output	

## Operation

Image adjust	Brightness, gain, DDE, filtering
E zoom	1-16 times continuous E zoom
Correction	Manual correction, automatic correction when starting up; Timing correction after normal operation

Flip/Mirror	Support	
Image display	11 pseudo color	10 pseudo color
Storage	Reserved TF card slot, optional	built-in storage of 12G ;
Video planning	Support	
Character display	Time, date, channel name, and custom channel name	

## Network

Ethernet	RJ-45
Protocol	TCP/IP, RTSP, NTP, HTTP, HTTPS, DHCP, FTP,
Safety	HTTPS(SSL) login authentication, category-based login authentication, IP address filtering, user access log, and 802.1X authentication
Image access protocol	ONVIF、GB28181、RTSP
Temperature output	SDK output、MODBUS RTU/TCP protocol output

## Power system

External power supply	DC12V	
POE supply	Support	
Power consumption	≤6W (normal operation at room temperature, no zeroing)	≤4W (normal operation at room temperature, no zeroing)

## Interface

Power port	Yes
Network port	RJ45,1000M
Digital output	1 channel
Digital input	1 channel
Serial port	rs485

## Environment

Working temperature	-20°C~ +50°C
Storage temperature	-45°C~ +70°C
Encapsulation	IP66

## Physical

Dimension	Length / width/ height (mm) : 258*100*83
Weight	≤1Kg

\* Ex IC nC op : explosion-proof certification whose version is IIC T4 Gc NETD is equivalent to the values: ≤0.015°C@30°C (VOC) volatile organic compounds

