

IR DLD-T

Thermal imaging cameras



Unattended surveillance: Modbus, ONVIF and POE over an IP66 enclosure

DLD-T

Fixed thermal camera for continuous temperature monitoring

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Permanent thermal monitoring of critical points, integrated into the network like any IP camera.

Product overview



Fixed-mount thermal camera in IP66 outdoor enclosure

Watching temperature around the clock

The IR DLD-T is a fixed-mount thermal camera for continuous temperature detection: its uncooled focal-plane microdetector (640×480 or 384×288) tracks up to 10 moving points, 10 areas and 3 measurement lines in real time, capturing maximum, minimum and average temperatures with support for irregular measurement shapes.

An optic that ignores the weather

The athermalised fixed-focal lens keeps its calibration regardless of high or low ambient temperatures, and the IP66 outdoor enclosure adds lightning and surge protection for year-round exterior service.

Main features

- Temperature output over Modbus RTU/TCP for PLC and SCADA systems.
- One hardware alarm input and one alarm output.
- ONVIF Profile-S/G compatibility for video management systems.
- POE power supply: one cable for data and power.
- IP66 enclosure with lightning and surge protection.



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Applications and integration

Applications

- Continuous thermal monitoring of substation equipment and switchgear.
- Fire prevention on conveyors, warehouses and waste bunkers.
- Process temperature control in unattended installations.

Integration

Temperature readings reach the control system over Modbus RTU/TCP, while the video stream joins any ONVIF-compatible video management platform; alarms trigger through the hardware output as well.

Simple deployment

With POE, a single Ethernet cable powers the camera and carries data, reducing wiring in outdoor installations.



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DLD-T – TECHNICAL SPECIFICATIONS

Detector	Uncooled focal-plane thermal microdetector, 640 × 480 or 384 × 288
Lens	Fixed focal length, athermalised: unaffected by high or low ambient temperature
Measurement modes	6 real-time moving points, 6 areas and 3 lines (max/min/average); extended mode with 10 points, 10 areas and irregular-shape drawing
Temperature output	Modbus RTU/TCP
Alarms	1 hardware alarm input channel and 1 alarm output
Video integration	ONVIF Profile-S/G compatible
Power supply	POE (Power over Ethernet)
Protection	IP66 outdoor enclosure with lightning and surge protection



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