

Fixed Thermal Camera

NC200 Powerful in Narrow Space

Introduction

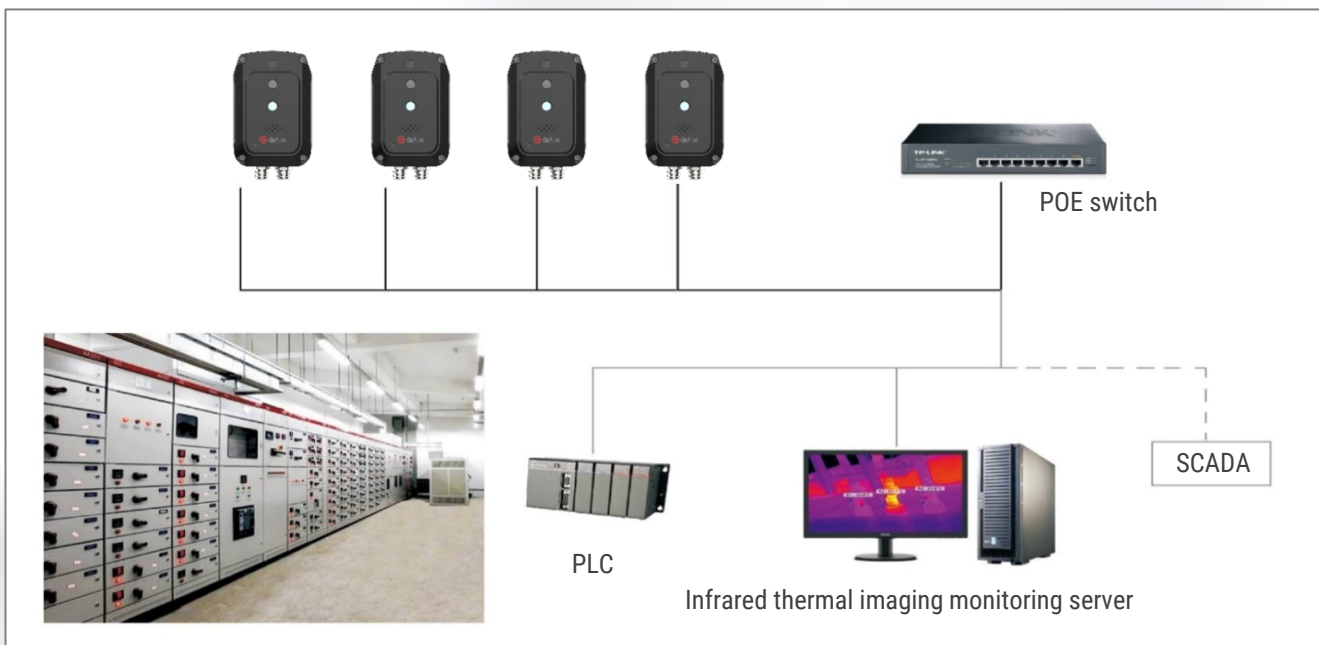
NC200 is developed based on 256x192 wafer infrared module, which integrates an infrared thermal imager and a visible light camera. Small size, breaking through installation restrictions in narrow spaces, and flexible in deployment. Provide continuous temperature data collection, analysis and alarm for the uninterrupted state monitoring of key electromechanical equipment.

Applications

It is suitable for temperature monitoring and fire detection of electrical equipment in narrow spaces and confined spaces such as data centers, power distribution switch cabinets, wind turbines, storage, hazardous chemical warehouses, power distribution rooms, computer rooms, and charging piles etc.

Features and Benefits

- o Adopts 256x192 Uncooled VOx Infrared Detector, HD 1/2.7 Inch CMOS.
- o Web-side control, No need other APP or software to set the parameters.
- o Unified interface, compatible with Ethernet/IP standard protocol, which is conducive to networking.
- o Support real-time temperature measurement analysis, historical information query and export CSV report.
- o IP67 encapsulation, Dustproof and waterproof.
- o Installation methods: Hoisting/Vertical Mounting/Wall Mounting/Tripod Mounting/Magnetic etc.



Specifications

Product model	NC200
Thermographic	
Detector type	WLP VOx, 8μm to 14μm
IR resolution	256×192@12μm
NETD	45mK@30°C
IR lens	3.2mm, 56°×42°
Focusing mode	Focus-free
Pseudo colors	26 pseudo colors: White Hot, Black Hot, Rainbow and so on
Thermal imaging functions	Detail enhancement, 2D/3D noise reduction, Image flip, Dual light fusion
Temperature measurement	
Measurement range	Low: -20°C to 150°C; High: -20°C to 550°C
Measurement accuracy	±2°C or ±2% (whichever is greater)
Target setting	Up to 21 targets: 6 spots/rectangles, 3 polygons(calibrated 7-point polygon)/circles/lines
Measurement function	Cold/hot spot tracking, Full-screen point temperature measuring, Query and export of information
Visible light	
Sensor type	1/2.7"CMOS
Max. resolution	1280×960
Min. illuminance	Color: 0.005 Lux
Lens	2.8mm; 65°×49°
Illumination	White light
Visible light functions	Visible light gain control, 2D/3D noise reduction, Backlight compensation (BLC), Wide dynamic range (WDR), Highlight suppression, Image flip, Exposure compensation
Image	
Video compression	Switch between three standards H.265, H.264 and MJPEG
Image format	JPEG
Protocol and storage	
Network protocol	IPv4/IPv6, HTTP, SMTP, RTSP, TCP, DHCP, ONVIF (Automatic search device, RTSP video stream and device control), GB/T28181, MQTT
Local storage	4G EMMC
System function	
Language version	Chinese/English
Browser	Supported
User management	Max. 20 users with three levels of user accounts (Root, Admin and User)
Fault detection	Network interrupt detection; IP conflict detection; Illegal access; Storage exception
Intelligent functions	Sound and Light Alarm
Hardware interface	
Power interface	DC12V±25%
Network interface	One 100M/1000M Ethernet port, POE (802.3 at)
Alarm interface	1input and 1 output
Other interfaces	1-channel RS485
Environmental	
Working temperature	-30°C to +60°C
Encapsulation	IP67, TVs 6000V lightning protection and surge protection
Physical	
Power consumption	3.5W
Size	105mm×71mm×30mm
Net weight	300g
Installation mode	Wall mounting/tripod mounting/magnetic mounting