

39.6°C

35.5°C

38.6°C

VNG Rapid Enterprise

Human Body Temperature Measurement System



Product Description

The VNG Rapid Enterprise is a strategic product developed for the purpose of fever screening in large enterprises. It has a fully-embedded dual-light detection system for human body temperature screening. It can be tailored according to the customer's requirements, supports system access, provides secondary development SDK and API, and is compatible with a wide range of conventional products. It has a resolution of 256*192 .

Company information

VNG-COBEAL is a leading distributor of cutting-edge biometrics, RFID, artificial intelligence and face recognition-based products and solutions. Our suite of products includes fingerprint sensors, Iris sensors, facial recognition devices. VNG-COBEAL is the pioneer in air, energy, and security products. Our biometric devices are currently being used by multiple industries, including by telecom and banking sectors .

Features

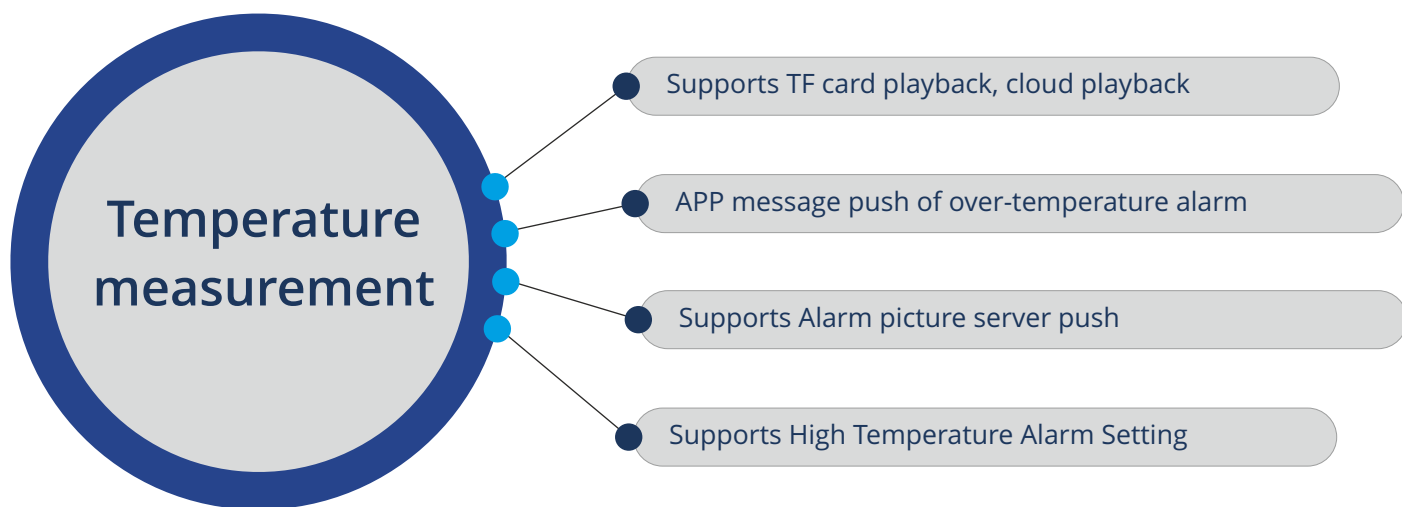
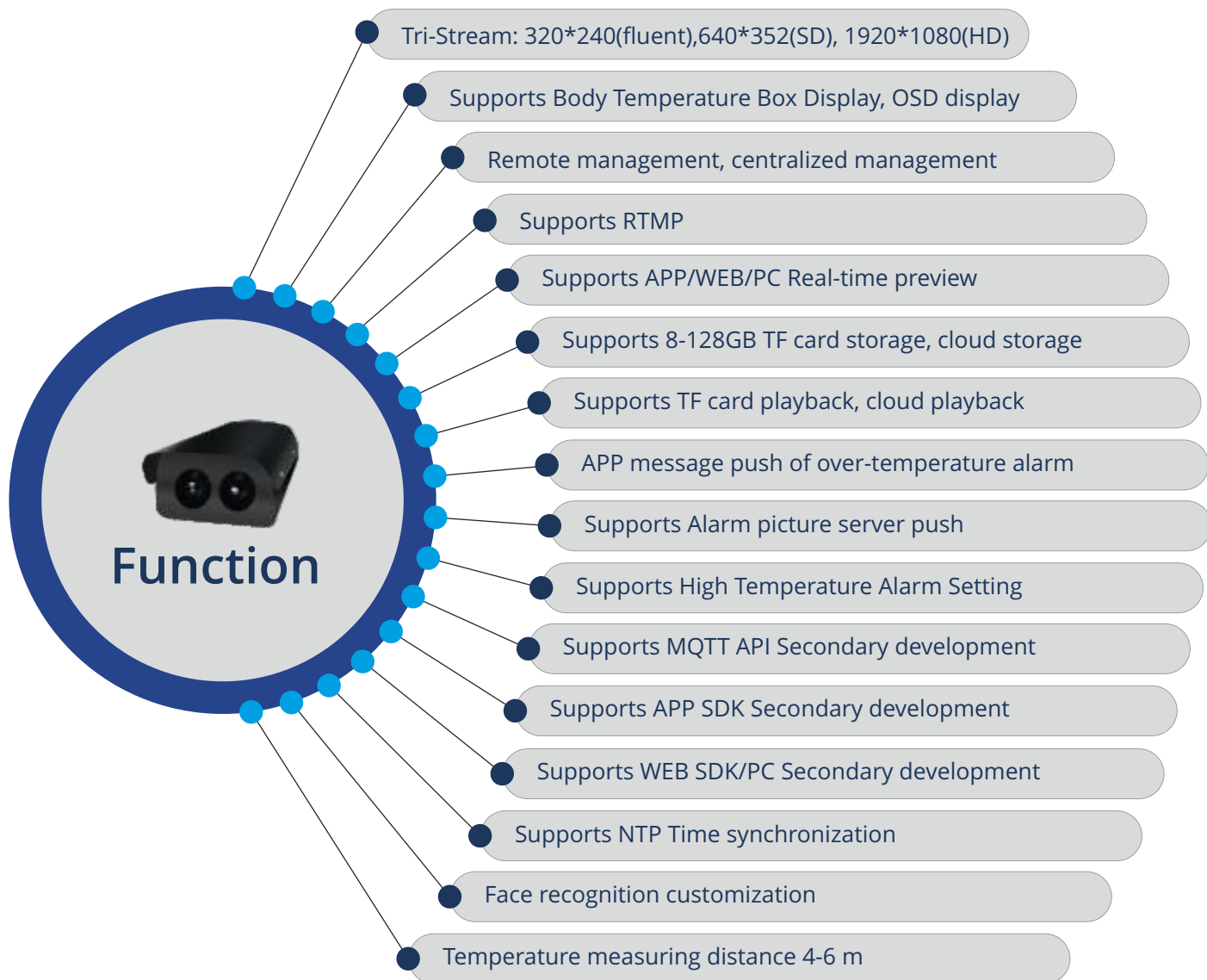
- ◆ Non-contact Distance : Up to 4-6m
- ◆ Thermal image temperature Accuracy Error: Only $\pm 0.3^{\circ}\text{c}$ with Blackbody
- ◆ Millisecond detection speed, fast
- ◆ Can measure up to 6 people at a time
- ◆ Face recognition user capacity : 50000
- ◆ Tri-Stream : 320*240(fluent), 640*352(SD), 1920*1080 (HD)
- ◆ Supports APP/WEB/PC Real-time preview
- ◆ Supports 8-128 GB TF card storage, cloud storage

Advantages

This is a fully-embedded dual-light detection system for human body temperature screening in enterprises. The system's features are as follows:

- ◆ Supports APP, PC, WEB
- ◆ Supports RTMP, WEBRTC and other secondary developments
- ◆ Supports customized cloud storage
- ◆ Pure embedded computing could send data to the server directly
- ◆ High performance, low price

Product Function



Specification

Full HD Visible Camera System	
Sensor	Sony IMX327
Lens	4mm
Resolution	1080P,640P,320P
Scan Mode	Progressive Scanning
LUX	0.01Lux
Min. Illumination	Color: 0.005Lux @ (F1.2, AGC ON), B/W: 0.001 Lux @ (F1.2, AGCON)
Wired	wired 10Mbps/100Mbps RJ45
Thermal Camera System	
Detector type	Uncooled focal plane(UFPA)
Focal Length	4mm
Field of View	42.0°*32.1° (H × V)
Response range	8~14μm
Resolution	256*192
Pixel Size	12μm
Fps	25HZ/15HZ
Temperature Range	30-45°C
Temperature Accuracy	±0.3°C
Emissivity black background temperature correction	Automatic correction according to input emissivity and background temperature, emissivity 0.01~1 adjustable
Atmospheric transmittance correction	Atmospheric transmittance is calculated according to meteorological parameters and temperature correction automatically
Multi-person Thermometry	supports 6 people to measure temperature at the same time
Abnormal Temp alarm	supports alarm of over temperature of 37.3 °C automatically
General	
Video Compression	H.264
Measuring distance	3-6M
Temperature Measurement	supports global and local temperature
Temperature Range	From -15°C to +270°C
Working Temperature	'-10°C~+50°C
Face snapping	Built-in deep learning AI algorithm, Supports simultaneous detection of 30 faces
Picture in Picture	Combines details of thermal and optical image PIP, overlays thermal image on optical image
Bi-spectrum Image Fusion	Fusion view of thermal view and overlaid details of the optical channel
Min. Illumination	Color: 0.005Lux @F1.5 shutter time: 1/30S; Black/White: 0.0005LuxF1.5 shutter time: 1/30S
Working Humidity	5-95%RH, No condensation
Accessory	Movable bracket, intelligent terminal display

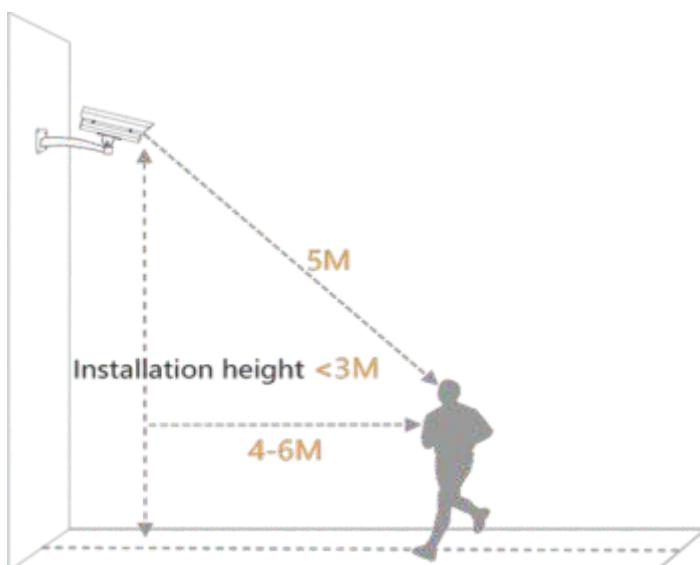
Specification

General	
Image Mirroring	90°/180°/Mirror
Installation	By bracket/By Pole/By tripod
Standard accessories	Manual, Wall Brackets,Power supply
Product color	White&Black
Ingress Protection	Ip65
Web Client	
Web	Supports Web Configuration
Web Client Language	English, Chinese,Korean,Russian
API/SDK	Supports System integration
Power	DC 12V, 2A
Package	
Device size	332mm × 185 mm × 105 mm
Box Size	480 mm × 280 mm × 220 mm (with wall bracket)
Weight	Approx. 2300g

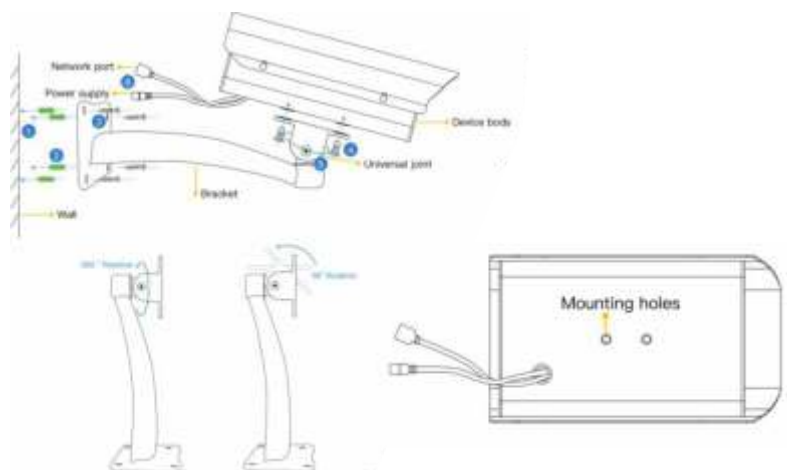
Terms and conditions:

VNG Rapid is developed for preliminary screening of fever. This device acts as an indicator of the abnormal temperature of individuals and the results obtained from temperature measurement should not be considered as final. For accurate temperature results, the individual needs to be screened again as per professional medical practices under proper supervision.

Installation Height & Measurement Distance Diagram



Install Drawings



Step 1: Drill holes on according to the position of the screw holes

Step 2: Knock the expansion screw into the hole

Step 3: Fix the bracket with screws

Step 4: Fix the device to the bracket with large screws

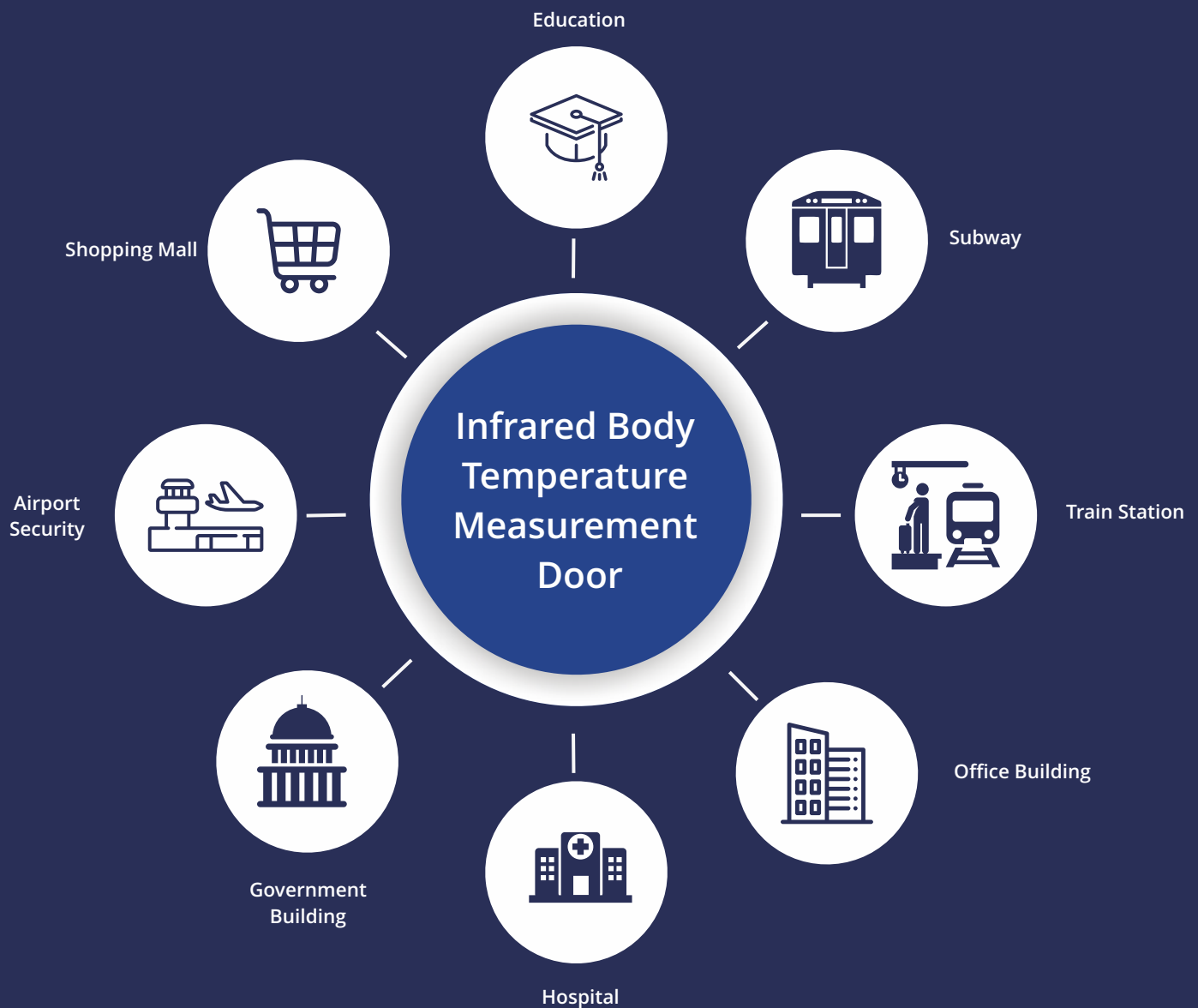
Step 5: The view angle can be adjusted through the bracket

Step 6: Connect the power and network cable to the camera

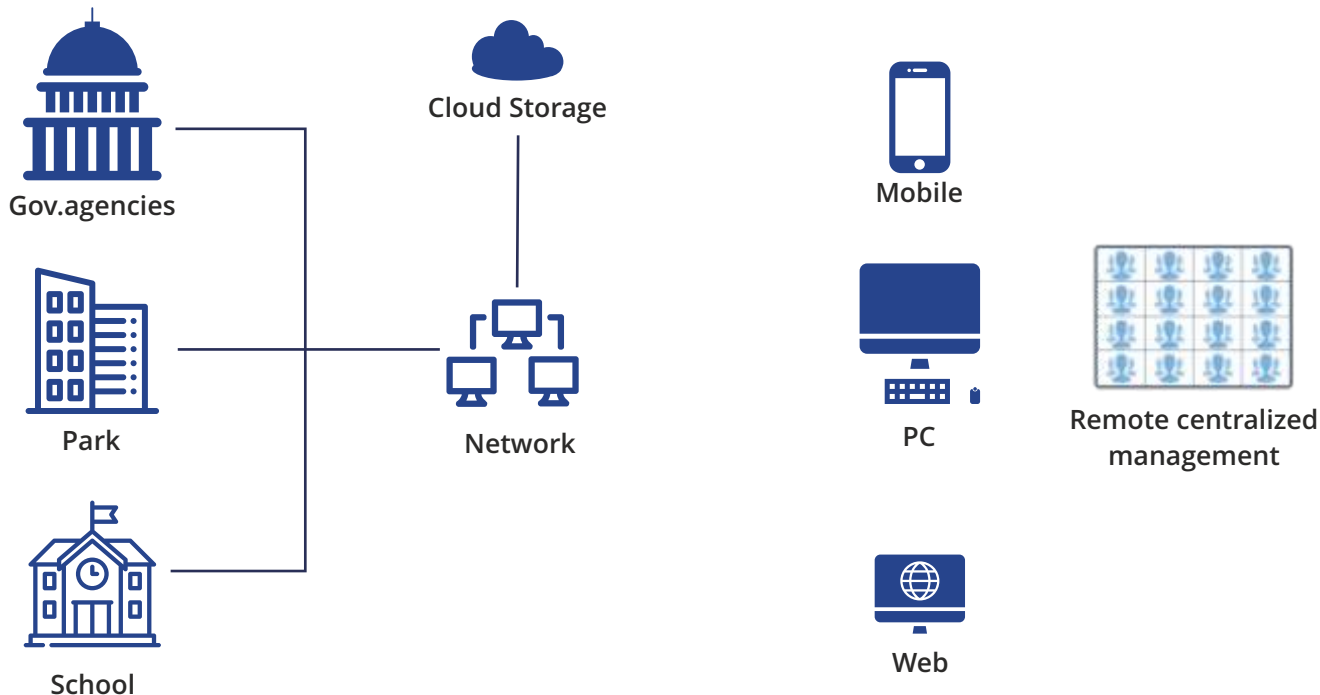
Application Scenarios

The VNG Rapid Enterprise is developed for fever screening in enterprises with a large number of employees. It is smartly designed with high-end technologies and can be deployed on the cloud platform. It allows feature customization according to the customer's requirements.

This device can also be deployed in railways, airports, plants and several other sectors where there is large flow of people.

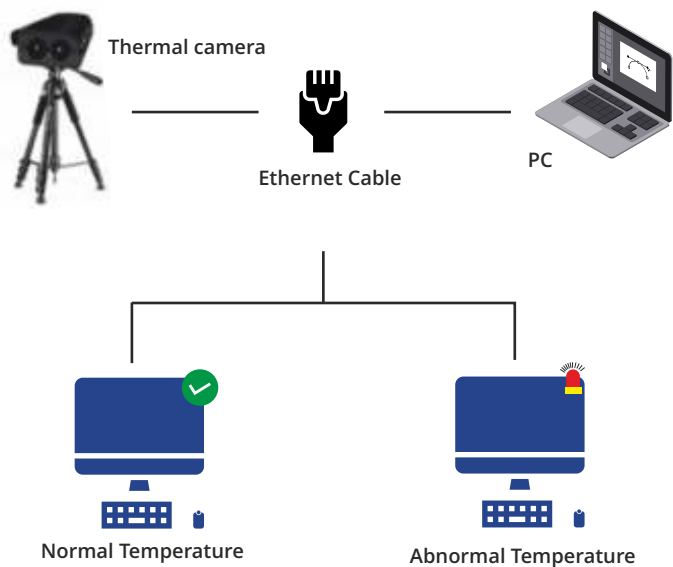


It is suitable in areas having high requirement of distribution, and is suitable for entrance points of educational institutions, hotel chains, technology parks, schools, residential areas and other crowded places.

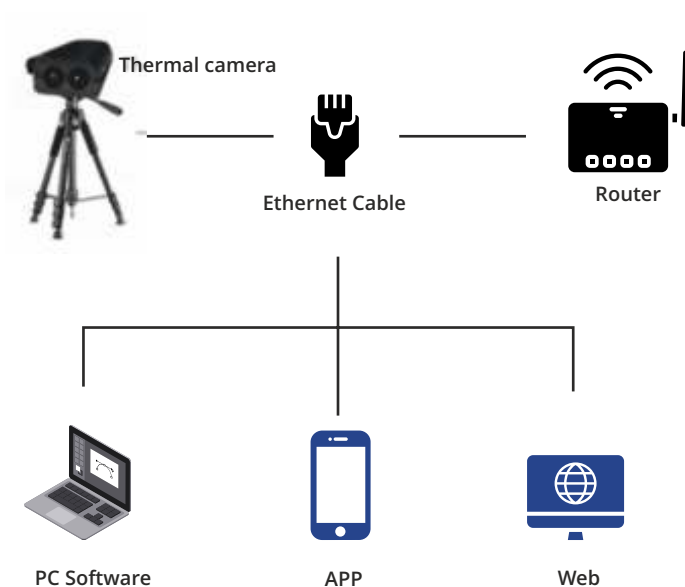


Solution - LAN/WLAN

Solution - LAN



Solution - WLAN





GROUP



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