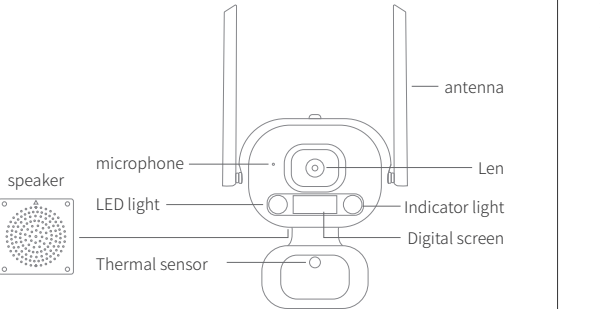# V380 infrared thermal camera

User manual

Application

• Can be used independently in supermarkets, hospitals, companies and entrance;

• Can be used for remote real-time monitoring of the above scenarios and visitor record;

Product features

antenna
Len
Indicator light
Digital screen
microphone
speaker
LED light
Thermal sensor

• V380 Pro APP for remote control support, providing up to 128G of SD card storage and cloud storage services, embedded chip provides various intelligent functions;

• Germany Heiman thermal imaging module, the temperature detection range 35°C~42°C, the accuracy is ±0.3°C, the recommended temperature measurement distance is 75CM-100CM.
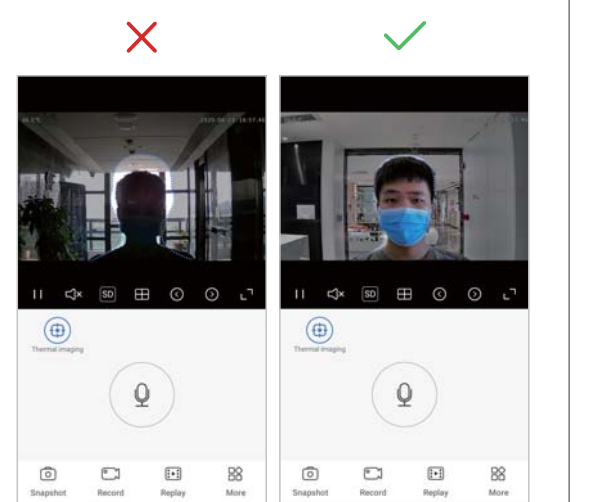
Notification

• Infrared camer should be used indoors, with temperatures between 10°C and 40°C. Do not It is installed under the ventilation hole and ensures that there is no heat source within 3 meters.
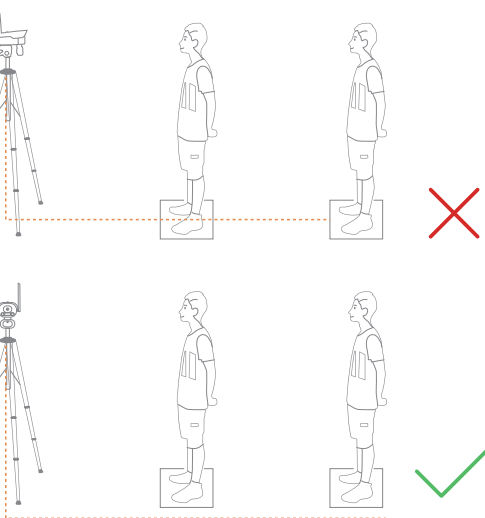

• Thermographic temperature measurement is based on thermal radiation to measure body surface temperature. when people come from outdoor environment to enters the room, the accuracy will be affected. please do scanning measured after three minutes with forehead stabletemperature.

• When there is an obstruction on the forehead, the read temperature will be lower than the actual temperature. Make sure there is no hair or clothing.

• Body temperature detection is based on face recognition, please make sure the face is in the area shown, and do not use in backlight make sure that the face is Visible.
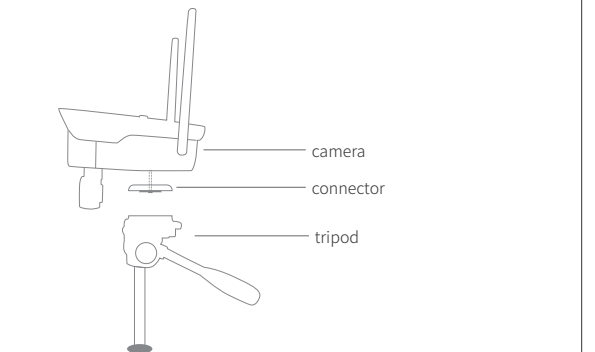

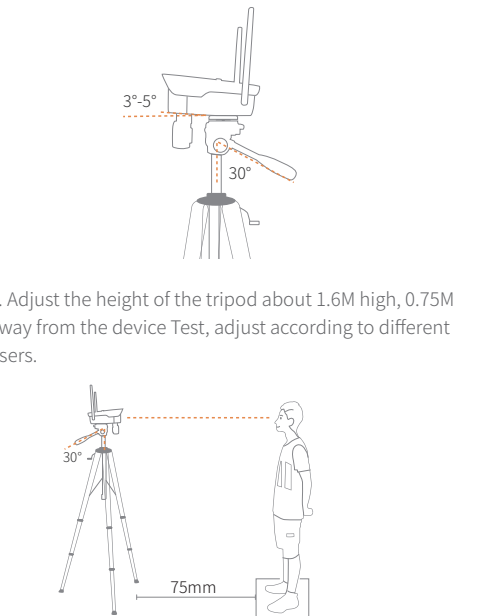• Single person for one time, when many people need to test, please the queue 90° with camera.

Installation and usage

• Install the camera on a tripod and connect the power supply

  1. Screw the tripod mount to the bottom of the camera.

camera
connector
tripod

2. Adjust the angle of the tripod —— about 3~5° from the horizontal (easy to adapt to different body height).

3°-5°
30°

3. Adjust the height of the tripod about 1.6M high, 0.75M away from the device Test, adjust according to different users.
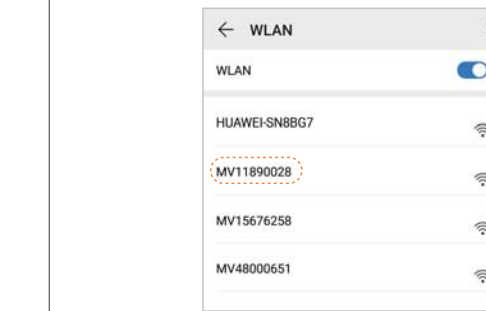

30°
75mm

App wifi connection and usage

Scan QR code to down V380 pro App

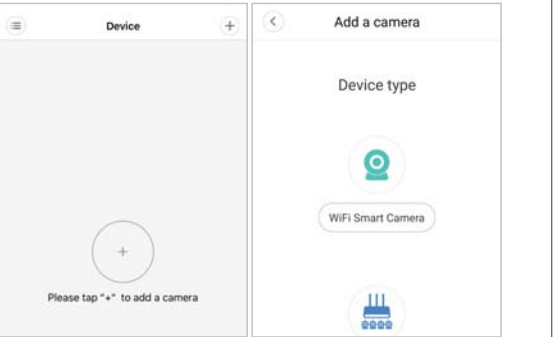
A.Without wifi coverage condition

1.Our device built Wifi-Hot spot. Open cell phone Wlan,connect with wifi of the device.
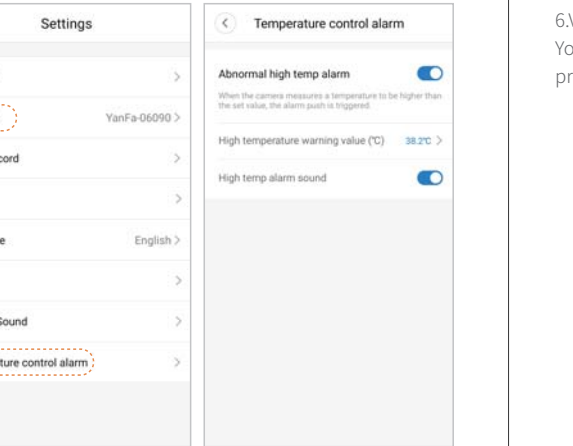

2.Go back the V380 pro,drop down the home page,you can see the device.

B.With wifi signal cover condition

3. open V380 pro,click +，Check the device near by,Input wifi and password，Fish connection RJ45 can connect with internet directly.
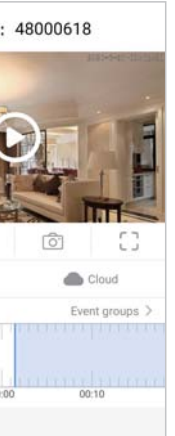
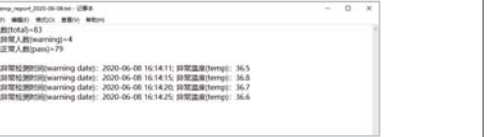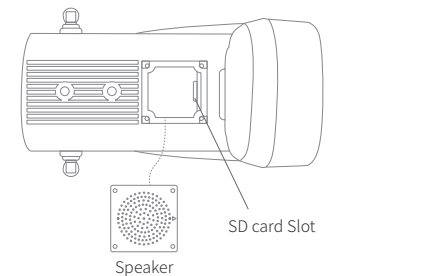4.App Setting:temperature,alarm,voice.

5.After the connection, please testit.Something wrong happen please adjust the tripod and distance.

6.Video reply:
You can view the visitor record in the "playback" in the APP preview interface.

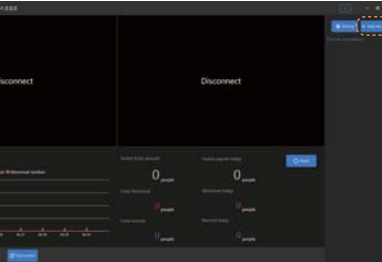SD card slot built inside the camera Daily Record save the SD card.

SD card Slot

Speaker

PC client use

1. Download and install the PC client.
   Download link:http://ad.nvdvr.cn/ad/downlaodpc.php
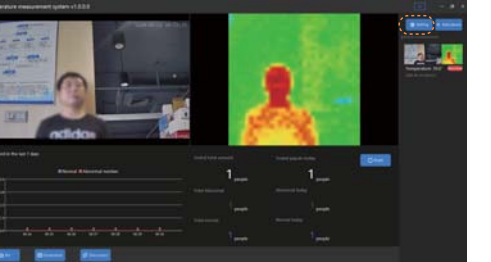
2.Connection.
   A.Use the network cable to connect camera with router
   And connect PC to the same router.
   B.or Connect the PC to the camera with a network cable directly.

3. Click Add Device in the upper right corner, click search and add device.

4. Click settings, adjust the alarm temperature, you can view the test records and Data summary.

Product parameters

Model	MVM6120S-B12	System	Embedded Linux system ARM chip structure
Chip	SStar325	sensor resolution	1/2.9"COMS GC2063 1902×1080
Pixel	2.0MP	thermal sensor	32×32_90um
Accuracy	±0.5 ℃	Tempera-ture ran	35~42 ℃
Leen	6MM	view angle	68°(6MM len) 33°(thermal imager)
Video com-pression	H.265/20FPS	Video format	PAL
Digital Wide Dynamic	support	Audio reduction	2D, 3D
Indicator light	One red One blue LED	Power supply	12V/1A
distance	The recommended distance is 75cm~1m		
Alarm	Face recognition alarm	High temperature detection alarm	
Storage	TF card(max 128G);cloud storage/cloud disk(optional)		
working e-nvironment	Working temperature: +10 ℃ ~ + 40 ℃ Operating humidity: ≤99% RH		
Network protocol	Wi-Fi wireless transmission (support IEEE802.11b/g/n wirel-ess protocol), 10Mbps/100Mbps adaptive/RJ45 interface		

FCC Radiation Exposure Statement:

This equipment complies with FCC radiation exposure limits set forth for an uncontrolled environment. This equipment should be installed and operated with minimum distance 20cm between the radiator & your body.

FCC Warning

This device complies with Part 15 of the FCC Rules. Operation is subject to the following two conditions: (1) This device may not cause harmful interference, and (2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE 1: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause

harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

NOTE 2: Any changes or modifications to this unit not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.