

2MP HD Face Recognition, Temperature Check and Face Mask Detection Terminal

WIP2FRTMTP



Quick Start Guide

Please read these instructions carefully before operating the unit
and keep for further reference.

Please read this instruction carefully before operating the product and keep it for further reference. All examples and pictures used here are for reference only. The contents of this manual are subject to change without notice.

CAUTION:

- Please use our product according to the following safety instructions and warnings.
- Do not place the device in extremely hot, cold, dusty or damp locations.
- Do not expose it to high electromagnetic radiation.
- If the product does not work properly, please contact your dealer.
- Never attempt to disassemble the product yourself. We shall not be responsible for any problems caused by unauthorised repair or maintenance.
- Do not drop the device or subject it to any physical shock.
- Keep away from liquid while in use.
- Do not touch the screen with sharp objects.
- If cleaning, please use clean cloth to wipe it gently, avoiding water or alcohol.

1.0 Introduction.....	4
1.1 Product Features.....	4
1.2 Product Dimensions	4
1.3 Package Contents	4
1.4 Specification	5
2.0 Cable Connection.....	6
3.0 Overview	7
4.0 Installation	8
4.1 Ambient Illumination Requirement	8
4.2 Installation	8
4.3 Pole Mounting.....	9
4.4 Height Requirement.....	10
5.0 Network Connection	11

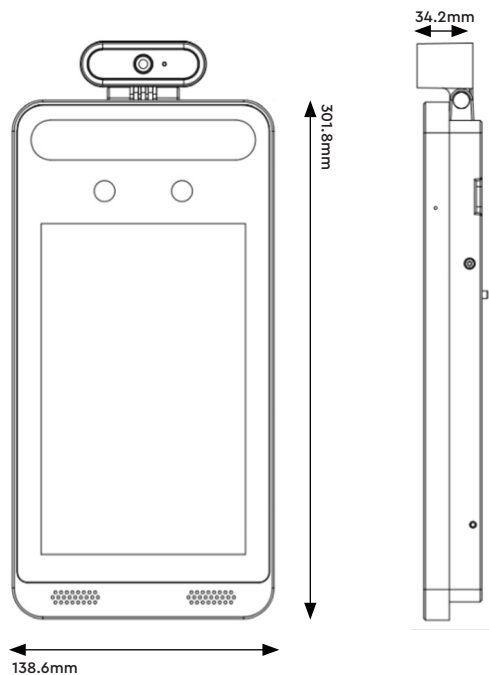
1.0 Introduction

The Genie WIP2FRTMTP is a professional robust high quality HD camera system designed to utilise any combination of human body temperature sensing, facial recognition and mask detection screening for secure and safe access control and monitoring. Designed especially for many applications such as schools, offices, hospitals, airports, railway, factories and retail. The system is built to our usual high standards, accurate and extremely flexible, and can be networked or operated in standalone mode. The WIP2FRTMTP is the perfect system to enable any premises a safe and exceptionally secure access.

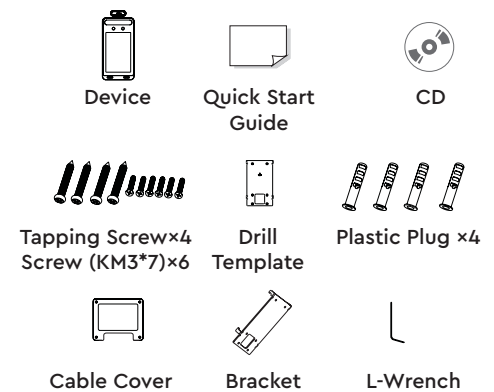
1.1 Product Features

- 8" LCD touch screen
- All metal surround ensuring excellent heat dissipation
- High-accuracy IR body temperature measurement
- Human-sounding voice prompt
- Non-contact body temperature measurement
- Real-time face mask detection
- Face liveness detection technology distinguishing real faces from non-real face spoof attacks
- Highly accurate face recognition using deep learning algorithm
- Stand-alone device or networkable allowing AI information when used in conjunction with the WNVR18P5SM smart management NVR

1.2 Product Dimensions



1.3 Package Contents

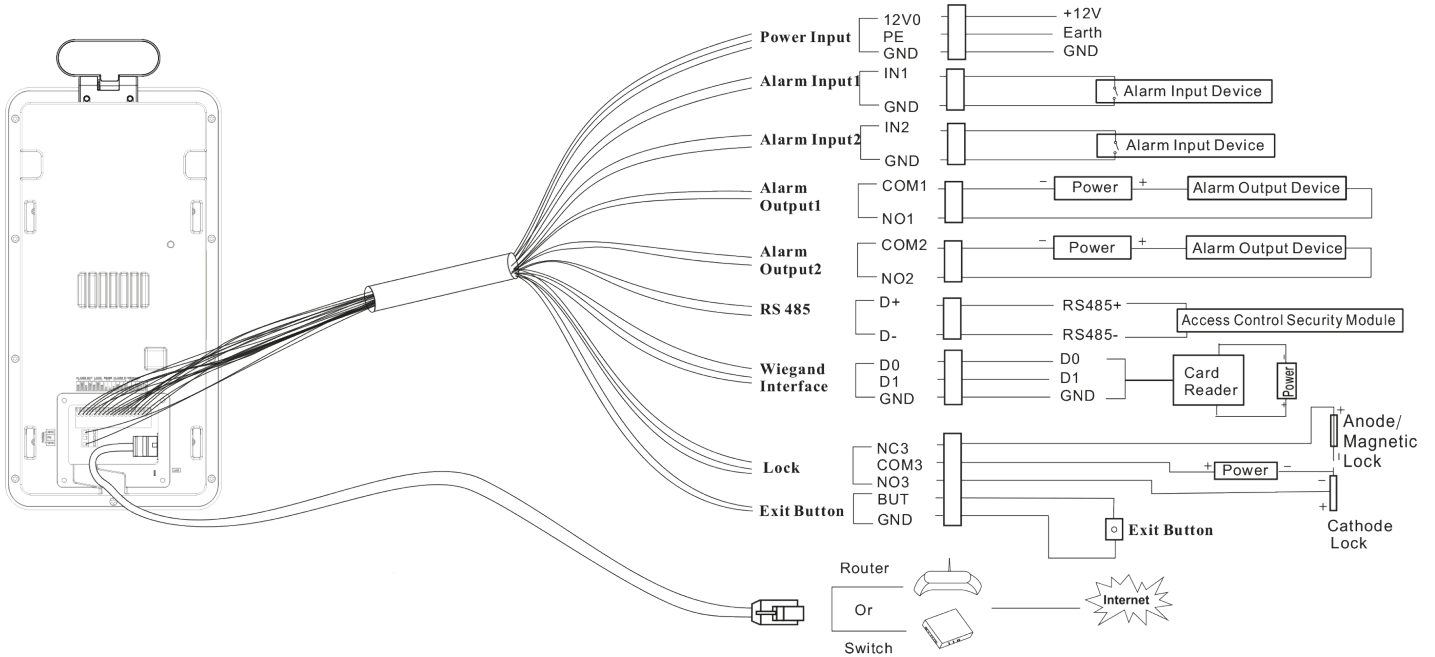


1.4 Specification

Performance	OS	Embedded Linux
	Storage	8GB DDR3, 16GB EMMC
Screen	Display Screen	8" LCD touch screen, Resolution: 1280 × 800, Contrast: 500:1
	Brightness	500 Lux
	Control Interface	I2C
Temperature Measurement	Temperature Measuring Range	32~43°C
	Accuracy	± 0.3°C
	Ideal Measuring Distance	25cm ~50cm
Face Recognition	Sensor	1/2.8
	Lens	2MP Dual Lens, f=3.97mm @ F1.6
	Lens Mount	M12
	WDR	120db
	Height Range of Face Recognition	1.2m-2.2m (The recommended installation height is 1.45m, based on the tester's height of 170cm)
	Face Recognition Distance	0.3m-2m (The recommended face recognition distance is from 0.5m to 1m)
	Recognition Mode	Face: 1:N
	Recognition Duration	≤ 0.5 s per person
	Face Capacity	20,000
	Recognition Accuracy	99.7%
Supplementary Light	Fill-in Light	Soft white light, IR light
	White Light Distance	1-3m
Smart Linkage	Screen Wakeup	Yes
	Light Adjustment	Yes
	Snapshot	Yes
Audio	Two-Way Talk	Yes (Noise reduction and echo cancellation)
	Audio Input	1CH built-in MIC
	Audio Output	Built-in speaker
Interface	Network Interface	10/100Mbps self-adaptive Ethernet port x1
	Alarm Input	2CH
	Alarm Output	2CH
	Wiegand Interface	Wiegand input / output (26/34)
	RS485	RS485 x1 (Half duplex)
	Door Lock Output	Relay output, NO/NC (Optional), Delay setting supported
	SD Card Interface	1 Micro SD card slot up to 128GB
	USB Interface	USB x1
	Anti-Tamper Interface	1 button
	Exit Button	1
Others	Reset Button	1
	Power	DC12V @ 1A
	Power Management	Screen sleep, screen protection
	Power Consumption	<12W
	Environment	Surge Protection and Voltage Transient Protection
	Working Environment	16°C~35°C, <95% (Non-condensing)
	Environment Protection	Complies with Directive EU RoHS, WEEE (2012/19/EU), Directive 94/62/ EC and REACH(EC1907/2006)
	Certificate	CE, FCC
	Installation	Wall Mount, Pole Mount, Embedded Installation, Desktop
	Dimensions	301.8 × 138.6 × 34.2 mm
Weight	Approximately 1.2Kg	

2.0 Cable Connection

1	2	3	4	5	6	7	8	9	10	11	12	13	14	15	16	17	18
NO2	COM2	NO1	COM1	NO3	COM3	NC3	D+	D-	IN1	GND	IN2	GND	D0	D1	GND	BUT	GND
2CH alarm output				Lock interface			RS485		2CH alarm input				Wiegand interface			Exit Button Connector	

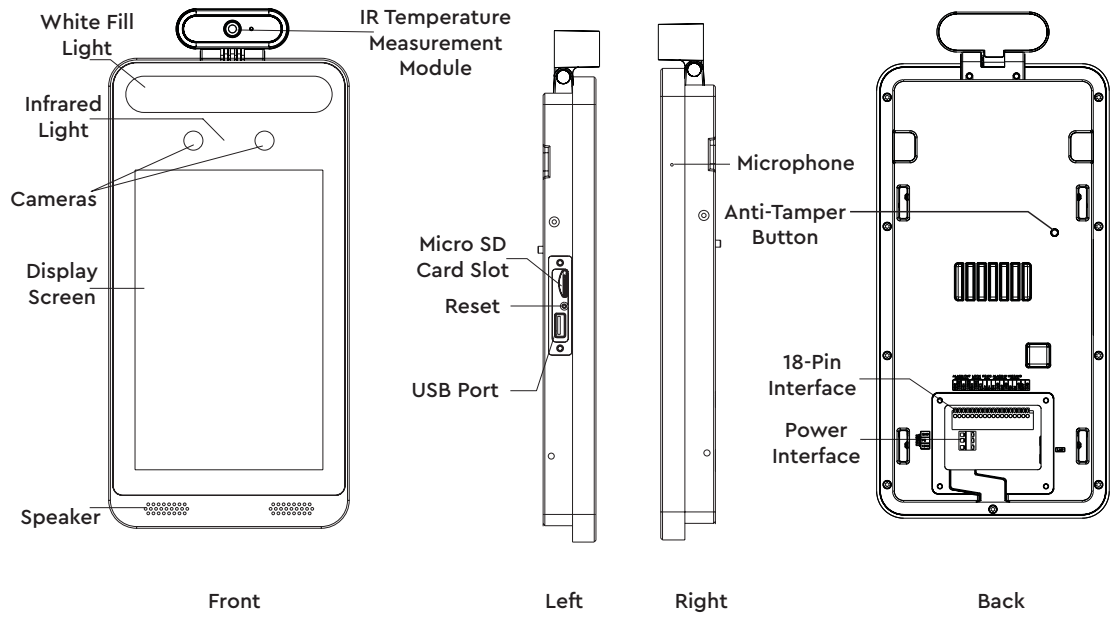


Note:

* The wiegand terminal here is a wiegand input terminal. If you want to connect to an access controller, you shall set the Wiegand direction to "Output".

* The RS 485 interface of this device supports security module access. Once the security module is enabled, the exit button and lock control will be invalid.

3.0 Overview



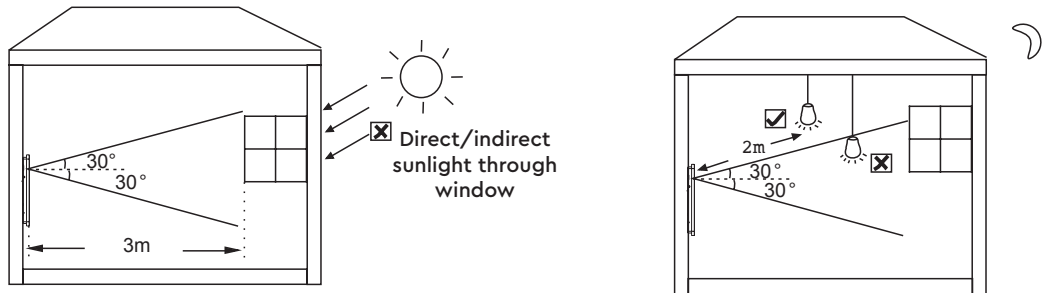
4.0 Installation

4.1 Ambient Illumination Requirement

Make sure faces can be captured clearly.

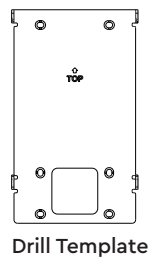
Avoid direct sunlight and backlight.

The device should be at least 2 meters away from the light, and at least 3 meters away from the window or door.

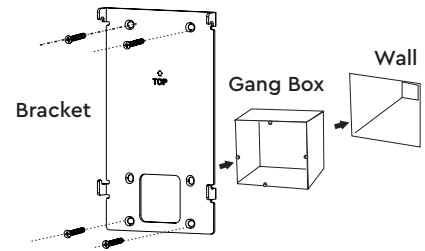


4.2 Installation

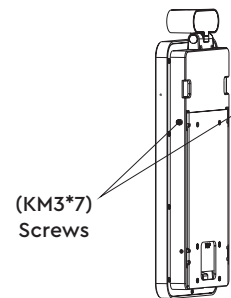
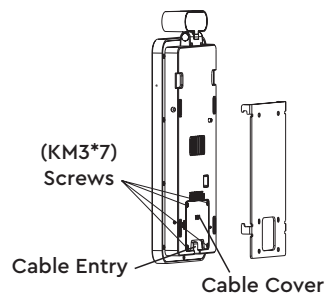
1. Place the drill template onto the wall and then drill the holes according to it.
2. Install the gang box on the wall. Secure the bracket onto the wall with 4 screws.



Drill Template



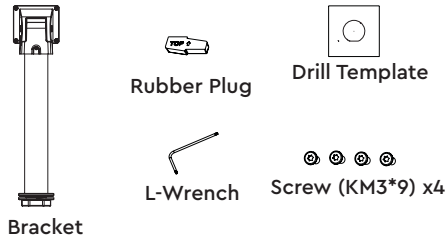
3. Route and connect the cables and then install the cable cover.
4. Hang the device onto the bracket hook and then tighten the screws.



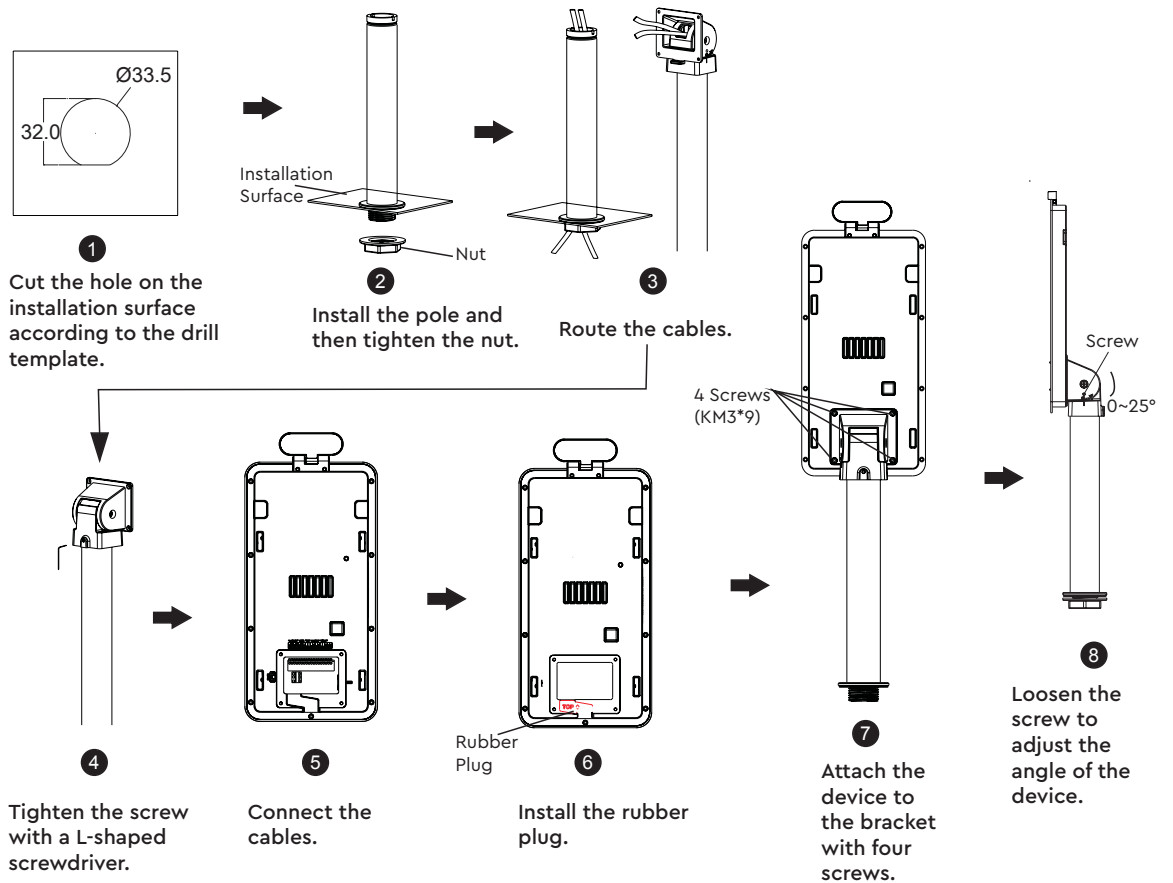
4.3 Pole Mounting

Note: Pole mounting bracket is not supplied with the device by default.

Package Contents



Installation

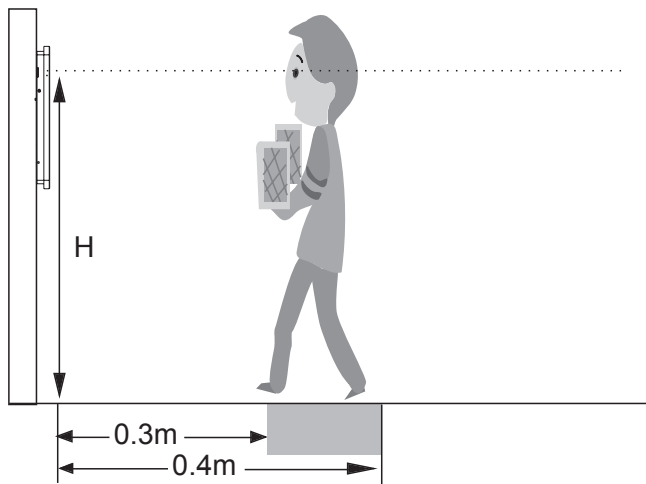


4.4 Height Requirement

The recommended installation height (H) is from 1.30m to 1.45m which can cover human height of 1.4m ~1.9m in the detection area. It can be adjusted according to the actual scene.

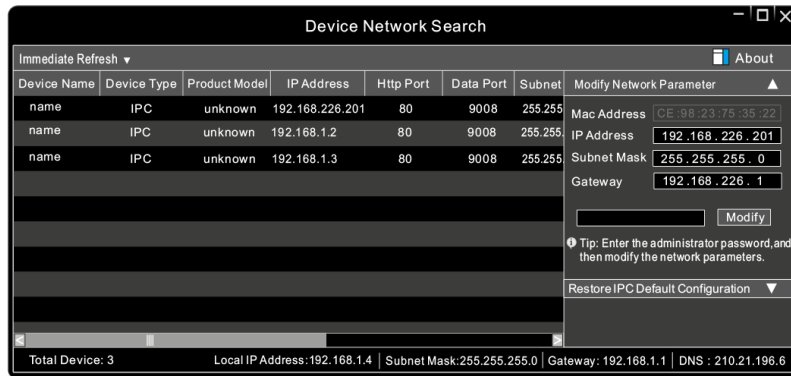
The ideal temperature measuring distance ranges from 0.3m to 0.4m.

The ideal face recognition distance ranges from 0.5m to 1m.

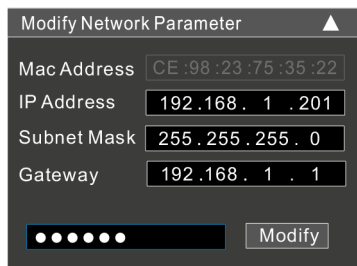


5.0 Network Connection

1. Make sure that the device and the PC are well connected via LAN.
2. Find the IP-Tool from the CD and then install it in the computer. After that, run the IP Tool as shown below.



3. Modify the IP address. The default IP address of this camera is 192.168.226.201. Click the information of the camera listed in the above table to show the network information on the right hand. Modify the IP address and gateway of the camera and make sure its network address is in the same local network segment as that of the computer. Please modify the IP address of your device according to the practical situation.



After modification, please enter the password of the administrator and click "Modify" button to modify the settings.

The default password of the administrator is "123456".

Double-click the camera listed in the IP-Tool or manually enter the IP address in the address bar of the web browser to connect IP-CAM. Then follow directions to download and install the plugin.

Enter the username and password in the login interface. The default username is admin, the default password is 123456.

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