

Face Sense Camera, power adaptor, user guide, and mounting bracket, sticker and screws.



Blue On	Connected/Normal
Blue Blinks	The camera is connected for video playback
Green Blinks	Network error/ waiting for being connected and configured
Green On	The device has been reset/is rebooting
Red Blinks	The device software is being upgraded

Device Name	Face Sense Camera
Device Model	FM020
Power Input	12V 1A
Resolution	1080P (1920×1080)
Focal Length	Zoom lens 2.8-8mm@F1.6
Angle of View	Horizontal angle of view 106.6° ~ 51.8°
Wireless Network	IEEE 802.11b/g/n 2.4GHz 150Mbps
Wired Network	RJ45 10/100Mbps self-adaptive Ethernet port
PoE	IEEE 802.3af
Memory	TF Card (up to 256GB)
Dimensions	148 × 76 × 54mm
Weight	265g
Working Temperature	-10°C ~ 45°C
Working Humidity	<95% (non-condensing)

Before using the device, please complete user registration by downloading SUNMI Assistant through searching on Tencent Appstore/SUNMI App Store or scanning the QR code below.



1. After downloading SUNMI Assistant, please register and log in, and click "Device" on the page bottom.



2. Click "Add a Device", and select Face Sense Camera.



3. Please follow the tips on the APP to complete device network setting.



4. Please install the device following the "Installation Guide". After installation, please proceed the above step to the image adjustment or click "Image Adjustment" in IPC Settings page of the App to position the store doorsill (this step is essential to count customer visits. Please be careful when positioning the store doorsill to ensure the data accuracy).

a) Ask a helper to stand on the central point of the doorsill, and click the "Image Adjustment" in the App to enter into the page for face focusing. Please follow the instruction on the page, and drag the facial recognition box to fit the face in it (you can click the +, - on the screen to slightly adjust the focal length).

b) Click "Next" to move on to the page for line positioning. Please click the two bottom ends of the doorsill on the image to position the line (supposing the actual door width equals to the line length on the image).



5. Log in <https://store.sunmi.com> through a computer browser to check more IPC settings and use more SUNMI application services.

This device can be wall-mounted or installed on a ceiling according to the store layout.



1. Insert a TF card (required A TF card needs to be purchased separately.) Please gently insert the TF card to the end of the slot following the direction indicated.

2. Find a right place to install (take ceiling installation as an example)
The camera should be installed on the central axis of the store entrance/exit (and the distance between the camera and the entrance/exit should be 1.7~3.5m) to ensure the data accuracy. The installation height of a camera should be 2.2~2.9m, and the optimal angle between an inclined camera and the vertical line is 10°. You can adjust the angle according to the monitoring image, but an angle within 15° is recommended.



3. Fix the bracket
Stick the screw positioning label on the place you chose following the above instructions, and punch an initial hole according to the label and fill in a plastic expansion tube. Fix the bracket in place on the ceiling with tapping screws.



4. Install the camera
Screw the camera and the base in place, and connect cables including the power cable and network cable.



This device is an IP camera which is applicable in business scenarios, which include:

- Monitor the whole store and send notifications on sound or image anomaly for security purpose.
- Monitor the cashier counter and combine it with order data and images to realize checkout auditing.
- Display customer visits data in multiple dimensions to better support store operation.

Regulatory Information

FCC Information

Please take attention that changes or modification not expressly approved by the party responsible for compliance could void the user's authority to operate the equipment.

FCC compliance: 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.

FCC conditions

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.
2. This device must accept any interference received, including interference that may cause undesired operation.

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.

CE

EU Conformity Statement

This product and – if applicable – the supplied accessories too are marked with "CE" and comply therefore with the applicable harmonized European standards listed under the EMC Directive 2014/30/EU, the RoHS Directive 2011/65/EU.

LEGAL INFORMATION ABOUT INTELLECTUAL PROPERTY

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Part	Toxic and hazardous substances or elements					
	(Pb)	(Hg)	(Cd)	(Cr(VI))	(PBB)	(PBDE)
Circuit board component	×	○	○	○	○	○
Case component	○	○	○	○	○	○

This table is made in accordance with SJ/T11364.

○: This symbol indicates that the content of this toxic or hazardous substance in all homogeneous material is under the limit specified in the GB/T26572.

×: This symbol indicates that the content of this toxic or hazardous substance in at least one homogeneous material exceeds the limit specified in the GB/T26572.

The "environment-friendly use period" of the device is 10 years, which is shown as the figure below. Parts which can be replaced, for example the charger, have different environment-friendly use periods. Environment-friendly use period can only be an effective period when the device is used in the normal conditions stated in this user guide.



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封面

IPC FS说明书

材质：128g哑粉纸

尺寸：风琴折，成型后160*160mm