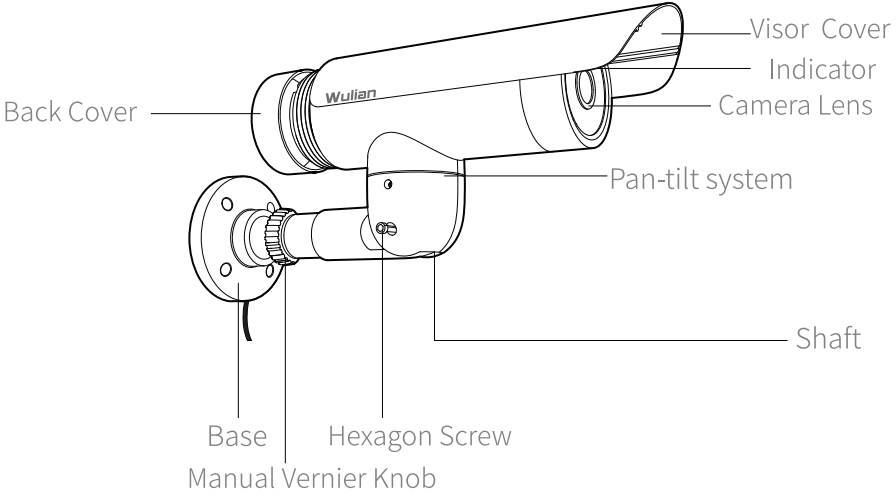
Weather-proof Camera (1080P)

Quick Start Guide

Wulian®

Product Display



Function

150 °horizontal(Electric)
85 °Vertical(Manual)

Pan-tilt range

Support Wi-Fi and Wired connect mode

WiFi+Wired

1080P HD video recording

HD image

Video stored on card and replayed at any time

Storage/Replay

Support motion detection and alarm,pay attention to outdoor constantly

Motion detection

Support two-way voice communication

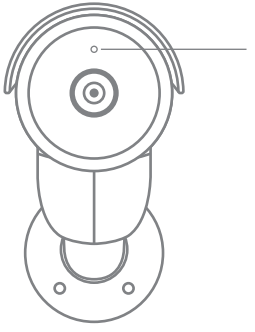
Audio intercom

Work well in both Day and Night

Day /Night conversion

Power on

Connecting the device to power (power wire needs to be prepared by user), the indicator flashes quickly in green and the motor rotates to conduct a self-inspection. After start-up is completed, the indicator flashes slowly in green, waiting for network setting.



Indicator
Green：quick flash in green while start up；turn to slow flash in green when finish startup and wait for networking
Red: slow flash in red while network connection fails.

Network Setting

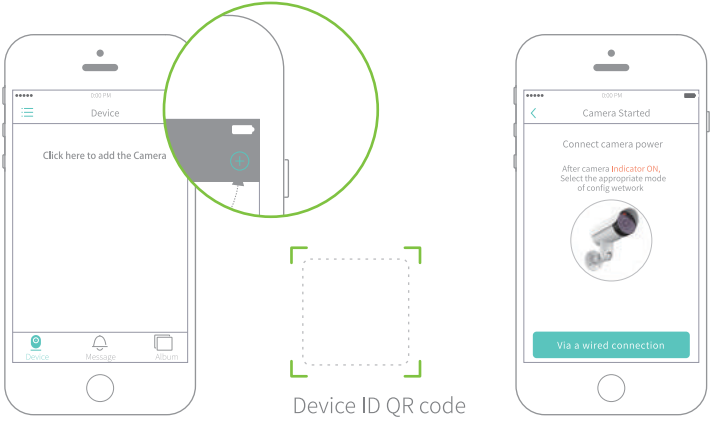
Download and install the "iCam"APP

1. Scan below QR code,download and install the "iCam"APP.

2. Open the "iCam"APP, register a new account or login in with existing account.

3.Add Camera

Login in the APP, and chooser “+” in upper right of the screen, follow APP guide, scanning the QR code of Device ID below(or inside the back cover), finish adding camera.(please make sure the camera connect with 2.4GHz Wi-Fi)



4. When camera add successfully,click the show list and check current video by APP.

Note：Finish network setting then powered off to start installation.(power off does not affect the current network)

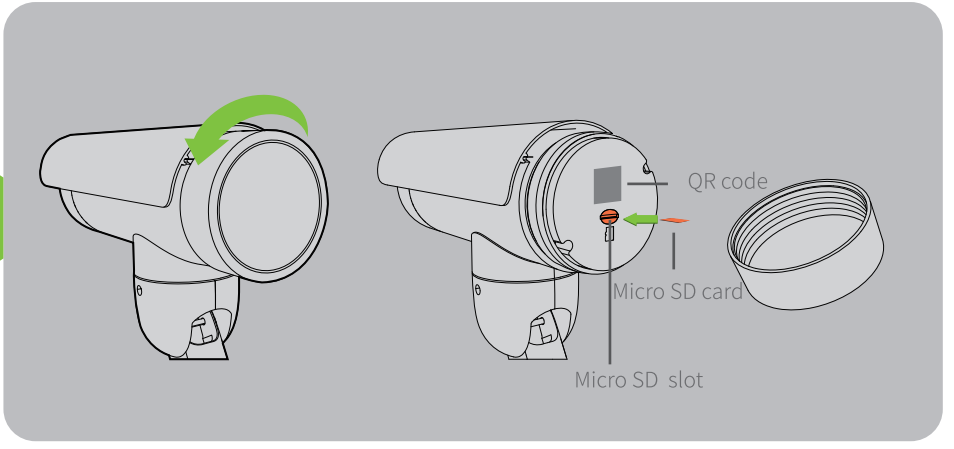
Installation Guide

Before Installation

1.For security, please do a good job of safety protection measures,it is not allowed to stand below the installation site to avoid the injury.
2.The install point (Wall or Ceiling)must be withstand more than 5 times the weight of the camera.
3.Please fix the four self tapping screws attached at the install point.
4.Make sure there's no cable breakage or cable peeling to avoid product damage and fire accident.
5. To avoid the electric shock, disassembling product is not allowed.
6.Place the product in flat surface and keep away from strong electromagnetic fileds.
7.Do not pull or drag the wire harness.
8.The product is waterproof and conforms to the IP66 specification, but the interface to the external cable is not waterproof. Please follow the waterproof treatment during installation.

Installation Step

Micro SD card installation diagram



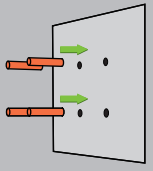
Note：Please follow the installation guide to put in the Micro SD card.

Device installation diagram

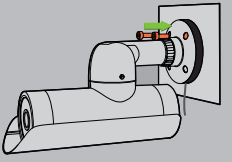
This product supports pan and tilt by APP, the range is 150°horizontal(Electric) ,85°Vertical(Manual).

1. Choose the right install point , use the attached install locating card, mark the location hole of the base.

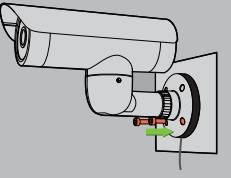
2. Use the electric drills(size Φ4mm) to drill in the marked spots.



Expansion screws



Upper screws



Bottom screws

3. Install the expansion plugs.

4.Align the base of camera with the expansion plug, use the self tapping screws fix them.

Note:To avoid interference from screws on the body, rotation angle can be adjusted first (show as top picture). Fasten the rotation, and fix two upper screws, then fix two bottom screws with same method.

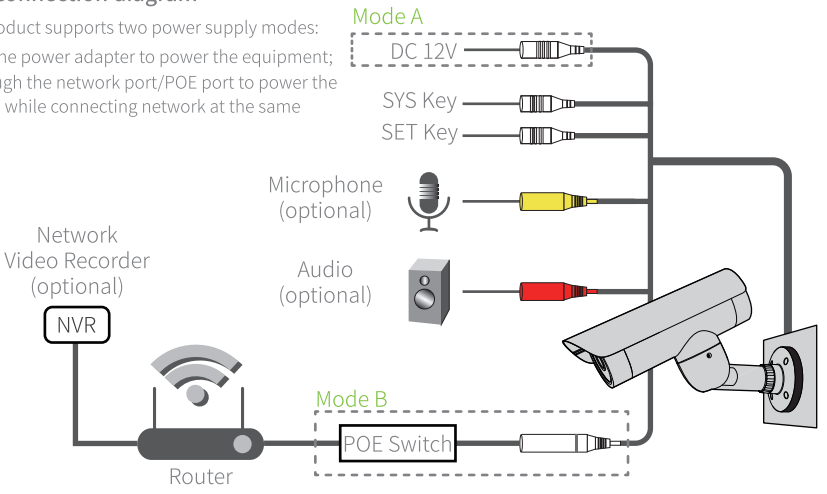
5. Fine tuning the body with manual knobs to fix the body position.

6.Use inner hexagon spanner to adjust the shatf (do not use hand to adjust the shaft forcibly),fine tuning the monitorangle to reach a best result, then fasten the shaft.

Wire connection diagram

This product supports two power supply modes:

1. use the power adapter to power the equipment;
2. through the network port/POE port to power the camera while connecting network at the same time.



Note:To have a more stable network and get a better user experience, wire connection is recommended.

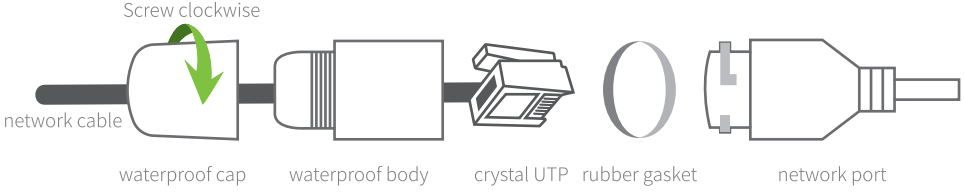
Waterproof treatment diagram

Network interface waterproof treatment
This product's network port has waterproof design, please refer to the follow ing steps for outdoor installtion to avoid short circuit in water.

1. Cut off the crystal UTP from network cable which needs to be connected with the camera, and then pass the network cable through the waterproof cap and waterproof body.

2. Connect the crystal UTP with network cable. Then put the rubber gasket onto camera's network port.

3. Insert the network cable (with crystal UTP) into camera's network port, and fix the waterproof body onto network interface and then screw the waterproof cap clockwise.



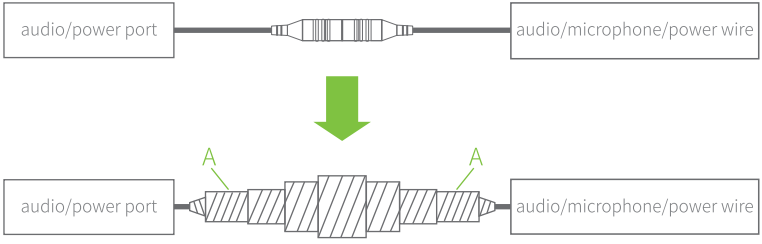
Note: In order to achieve a better waterproof effect, a layer of butyl tape can be wrapped around the waterproof body (see audio port/power port waterproof treatment).

Audio / power port waterproof treatment diagram

This product's audio/power port don't have waterproof design, waterproof treatment must be done during installtion, please refer to the following steps:

1. Follow the installation to connect wire to the port.

2. Wrap black cable (zone A) with waterproof butyl tape and make sure more than half of butyl tape overlap with each other.



Note: If the cable is not properly protected with waterproof treatment, it may directly lead to device damage by water leakage. The waterproof butyl tape is made by butyl rubber and can be stretched to twice times the normal length.

Product Parameter

Product Name:	Wulian Weather-proof Camera(1080P)
Product Model:	WL-ZAWDMW-C221121-01
Power Supply:	12V⎓2A/PoE 12V⎓1.25A
Net Weight:	2.2KG
Dimentions: (L*H*W):	368mm*268mm*120mm
Image Sensor:	1/2.9" CMOS image component
Resolution:	Max1920x1080
Rotation Angle:	Horizontal 150°(Electric),Vertical 85°(Manual)
Night Vision Distance:	10~50m
Storage:	Max 128G Micro SD
ONVIF:	support
Communication protocol:	IEEE 802.11b/g/n, IEEE 802.15.4, IEEE 802.3af
Operating Temperature:	-20~60°C
Operating Humidity:	⩽95%(No condensation)
Flame Retardant Rating:	UL94-V2
Protection Rating:	IP66

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