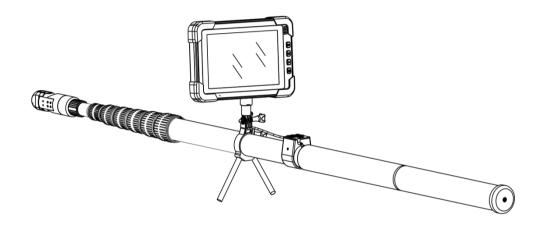
4K Life Detector

Operation Manual



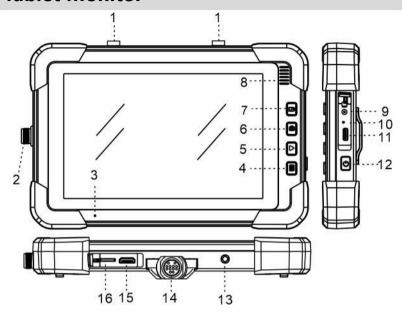
Menu

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Product Overview

This Telescopic Pole Life Search Camera can take up to 4K videos and 12 MP photos. Functions of photographing, recording and controlling, like 360 ° camera rotation, can be completed through screen touch, buttons both on monitor & rod. This detector uses a 7" HD touch screen, a 5 megapixels 360 ° intercom camera and a telescopic carbon fiber rod combination. Multiple combinations, simple assembly, convenient carrying, widely applicable to life rescue, disaster rescue, anti-terrorism and scientific investigation and other fields.

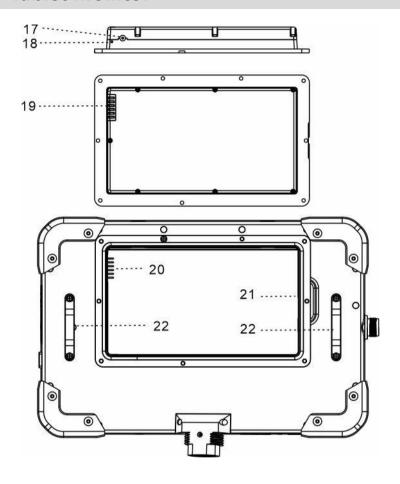
7" Tablet Monitor



- 1, 4G Antenna (Not ready yet) 2, Connector1(Option)
- 3, Microphone
- 5, Play/Return
- 7, Record/Forward
- 9, DC12V
- 11, Type-C
- 13, Headset
- 15, HDMI Output

- 4, Menu/Confirm
- 6, Photo/Back
- 8, Speaker
- 10, LED Control
- 12, ON-OFF
- 14, Cam Connector2
- 16, Micro SD Card

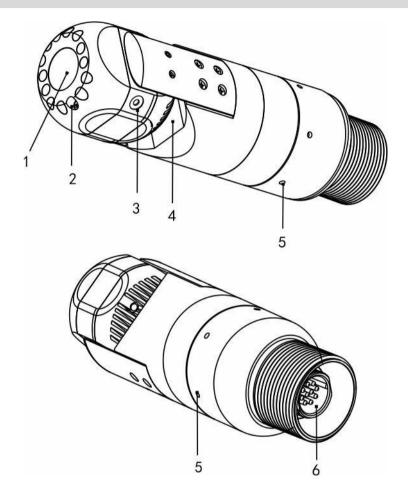
Tablet Monitor



- 17, Battery box DC12V 18, Charging indicator
- 19, Battery connector
- 21, 4G Card

- 20, Battery connector
 - 22, Wrist strap socket

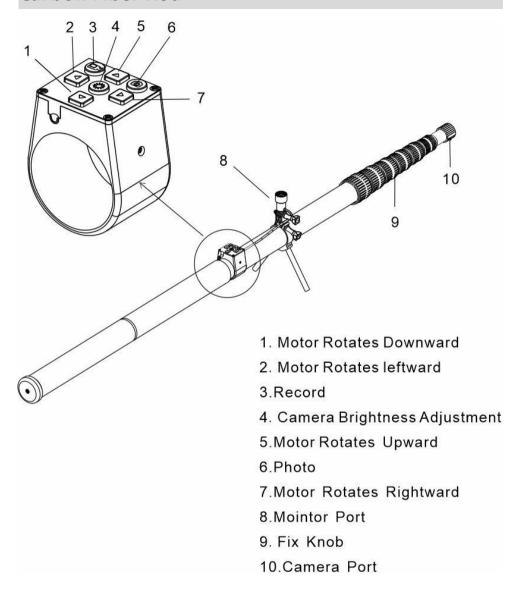
360° Pan Tilt Talkback Camera



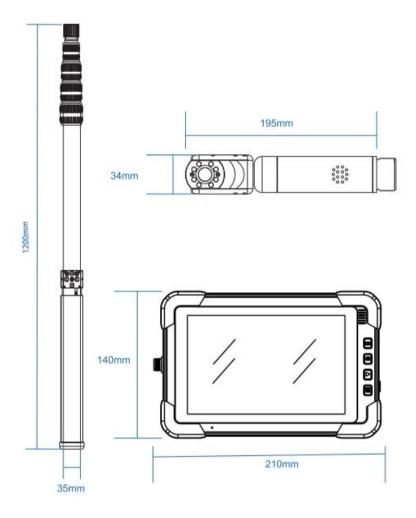
- 1, Lens
- 3, Microphone
- 5, Fix hole

- 2, 12 LEDs
- 4, Speaker
- 6, Connector

Carbon Fiber Rod



Installation & Use



Button Operation

U on-off

Press briefly to power on. Press it for 3s to power off. If crash, press it for 10s to power off and reset.

Press briefly, flashes once and get a photo.

• Record

Press briefly to record, and the icon turns blue. The video timer can time. Press again to end.

Playback/Return

Press to enter review photos and videos.

Press or to select.

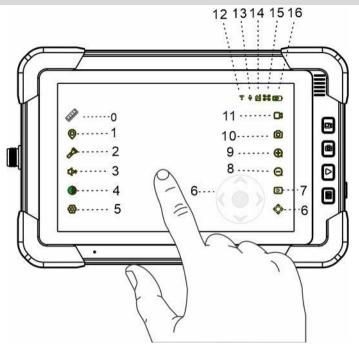
Press to confirm. Press Play again to exit
When record, press to pause and stop timing; press again to restore.

Menu/Confirm

Press it briefly to enter. Press Press or to select.

Press to confirm. Press Play to exit.

Touch Screen



0.Range Measurement (Unavailable on this machine)

1.Mark

Pop up keyboard to input mark, which will display in the lower left corner. Touch it to revise or delete.

2.LED Brightness Control



: Move the slider to control cam's LED brightness.

3. Speaker Volume Control

(i): Move the slider to control the speaker volume.

Touch Screen

4. Display Parameter Adjustment.

Move the sliding block to adjust the parameter.

: Brightness : Contrast

: Colourity : Saturation

5.System Setup

②: Touch this to enter into system setup.

6.Pan Tilt Control

click : enter into or exit the control mode.

click pop up the pan tilt control interface , touch the up, down, left, and right icons to control the pan tilt camera to rotate up, down, left, and right. The camera stops rotating when leaving the up, down, left, right icons.

7.Play

: Play photo & video. Touch to lock the important ones in case error deletion. Touch again to unlock it.

8.Zoom out

 \bigcirc : Touch this to zoom out the screen.

9. Zoom in

①: Touch this to zoom in the screen.

Touch Screen

10.. Photo

: Touch to take photo and screen flashes once.

11. Reco

Touch it, the icon turns blue, and the video timer starts; touch it again to end.

12. WiFi

î : WiFi is on; if crossed, WiFi is off.

13. Mic

 \P : Mic. is on. If crossed, Mic. is off.

14. Micro SD card

: Card is ok. If crossed, abnormal or no card.

15. Icon Switching of Image Display Scale

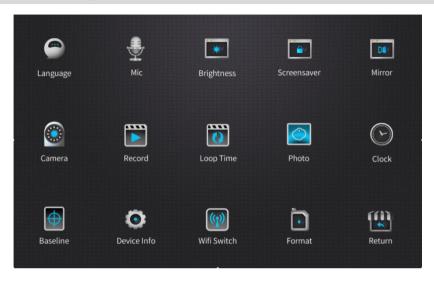
Press : Image displays 4: 3

Press : Image displays **16: 9**

16. Battery power

: Display battery power: the lighting shows it's charging.

System Setup



Language Show the available languages: Chinese,

Traditional Chinese, English, French, German,

Russian, Korean, Japanese.

Mic. Touch to turn the microphone on/off.

Brightness Touch to set the screen brightness.

Screensaver Touch to set the time of screen Saver

Mirror Touch to set: normal display; flip horizontal;

flip vertical; flip horizontal & vertical.

Camera Touch to set camera input resolution. According to

the resolution & frame rate of the known AHD camera, you can choose: Auto 4K,2K, 1080P, 720P, CVBS. Monitor will reset after switching the

resolution.

Record Touch to set resolution of recording.

System Setup

Loop Time Touch to set the time of recycle recording: 1s, 5s, 10s, 20s 30s, off. If choose 'off', recording will

end until the micro SD card is full.

Photo Touch to set the size of photo: 12M, 8M, 4M 2M

pixels.

Clock Touch to set the system date & time.

Baseline Touch to set the types of baseline: off; cross; ruler;

roundel.

Device Info. About, Reset and Password Switch

About: Includes Wifi name and password, memory size of micro SD card, firmware version.

Reset: It can delete all the settings and restore to factory state and restart.

Password Switch: Switch off, it directly enters working state upon startup; switch on, it needs to enter a password to start working. The default startup password is 8888.

WiFi Switch Touch to switch Wifi on or off.

Format Touch and check format micro SD card. Format will delete all the data in micro SD card. Be sure to do a

good job of data backup.

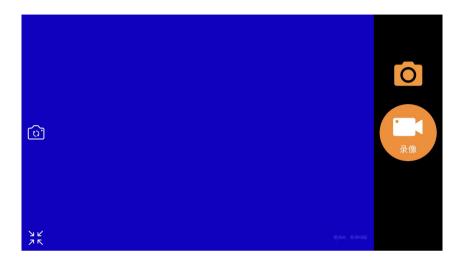
Return Touch it to return and exit system setting.

RoadCam APP



Before run RoadCam App, turn on the Wifi of the monitor first. Find the SSID name and password in "About". Then add the WiFi network of the monitor to the WiFi configuration of the external device.

APP Monitoring Interface



- Run RoadCam App, touch device to connect. After successful connection, it automatically jump to camera interface. You can take photo, recording, play and share.
- You also can change the WiFi name and password in RoadCam Setting.
- Save the photo and recording files to monitor.
- Enter into Video, play and load video locally.
- Enter into *Photo*, play and load photo locally.

Charge

Push away the waterproof protective cover. Connect DC12V adapter with DC port, or connect Type-c port with USB-C adapter (user himself provided). During Charging, the indicator is on. When fully charged, the light turns off. It takes about 4 hours to fully charge.

Firmware Upgrade

Before upgrade, please ensure power is >20% (1 grid). Copy upgrade file (SigmatarUpgradeSD) to microSD card. Power on, it will auto upgrade. It will auto turn off after upgrade. Unplug card to finish upgrade.

Attention

- 1. Please use device under temperature between −20 °C and 60°C. Excessive temperature will cause abnormal expansion, ignition and even explosion of the battery. Before using it under low temperature, it is recommended to fully charge under normal temperature to extend the life of battery.
- 2. Please place device in a proper position to prevent it from falling and breaking the screen.
- 3. This machine is dustproof and rainproof. Please do not immerse the machine in water.
- 4. If you continue to use the microSD card on this device after upgrade, please delete the upgrade file in the card first.
- 5. The default startup password is 8888.

Specification

7" Tablet Monitor

Display	7 inch
Screen Resolution	1280*800 px
Touch screen	Capacitive touch screen
Video recording	4K(16:9): 3840x2160
	2K(4:3): 2560x1944
	2K(16:9): 2560x1440
	1080p(16:9): 1920X1080
Video format	MP4(H.264)
Photo	12MP、8MP、4MP、2MP (JPG)
HDMI Output	1080P
microSD Card	2GB-256GB(128GB default)
WiFi Protocol	802.11 a/b
WiFi Operating Freq.	2.4000-2.4835GHz
WiFi Transmission Power	<16dBm
Battery Capacity	5000mAh
Power Supply	DC 12V / 2.5A
Working Time	About 6 hours
Waterproof grade	IP65
Size	L*W*H 211*141*28mm

360° PT Talkback Camera

Sensor	5MP
Resolution	5 megapixels (2560 x 1944 px)
Camera	360 ° horizontal circular rotation
Rotation	270° vertical rotation
Rotation Rate	12r/min
Light Source	12LEDs /12 IR940nm
FOV	128.5°
Sight distance	0.4-5m
MIC	48dB
Speaker	1W

Carbon Fiber Rod

Unfolded Length	5.0m
Shrinkage Length	1.4m
Number of Telescoping Joints	5

RoadCam App Download

