

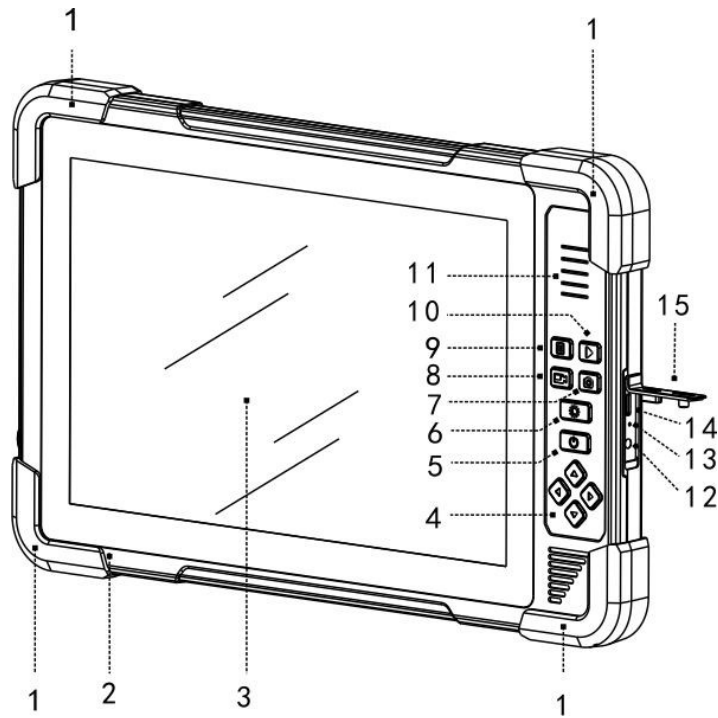
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Product Overview

The 4K HD Touch Tablet Monitor can take up to 12 MP photos and 4k videos, support AHD & CVBS video input. Audio and video synchronization. The user can operate it through screen touch or body buttons. This monitor adopts a 10.1-inch HD touch screen and a waterproof & dust-proof design. 4 protective corners can properly protect machine. Adjustable neck strap design is easy to carry. In addition, the battery can be disassembled to support separate charging. It can work with a wide range of remote cameras with customization functions (like 360° PT, GPS coordinates, zoom, measure).It is convenient to use in different fields.

Product Recognition



1. Protection corner

2. Microphone

3. 10 inch screen

4. Up Down Left Right

5. ON-OFF

6. LED Control

7. Photo

8. Record

9. Menu/Confirm

10. Play/Return

11. Speaker

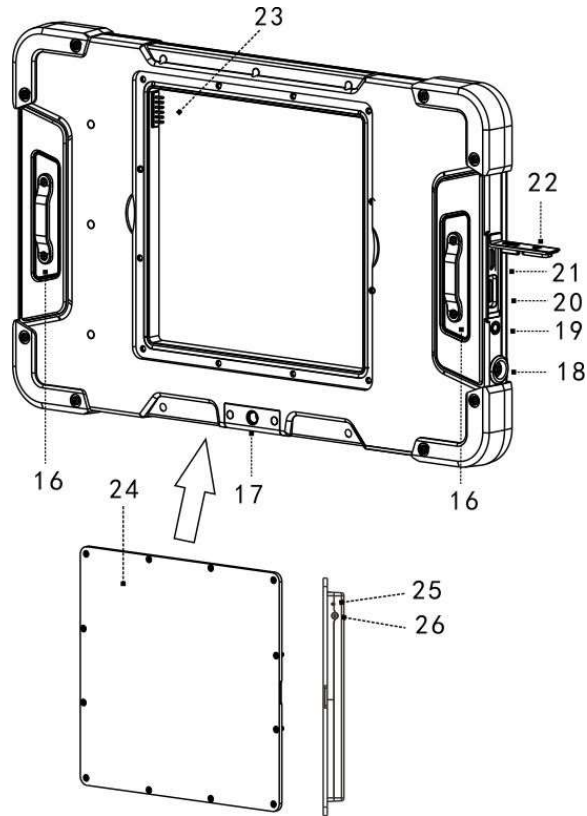
12. DC12V

13. Charge LED

14. TYPE-C

15. Protective cover 1

Product Recognition



- | | |
|-------------------|-----------------------|
| 16.Rope buckle | 22.Protective cover 2 |
| 17.1/4 inch screw | 23. Battery Connector |
| 18.Cam Connector | 24.Battery box |
| 19.Headset | 25.Charging indicator |
| 20.Micro SD Card | 26. Battery box DC12V |
| 21.HDMI Output | |

Button Operation

-  **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.

-  **Photo**

Press it, flashes once and get a photo.

-  **Record**



Press it to record, and the icon turns blue. The video timer starts. Press again to end it.

-  **Playback/Return**

Press it to enter review photos and videos.

Press Up-Down-Left-Right to select.



Press  to confirm. Press  Play again to exit

When record, press  to pause and stop timing; press  again to restore.

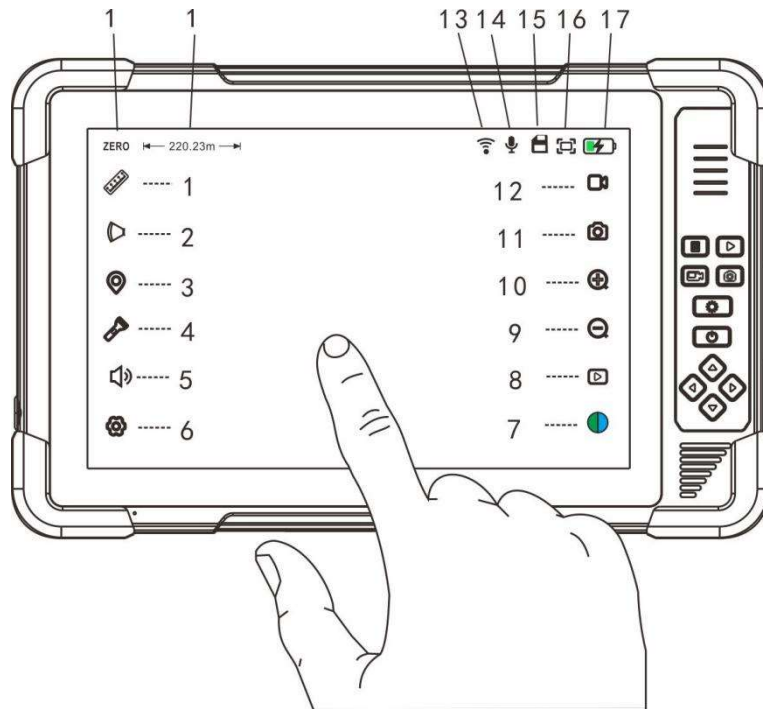
-  **LED Control**

Press it to ON/OFF/ Adjust cam' s LED brightness.


-  **Menu/Confirm**


Press it to enter menu. Press Up-Down-Left-Right to select. Press  to confirm. Press  Play to exit.

Touch Screen




1. Range Measurement (Additional purchase our range camera)

 : Open the function to show and record the range.

 : Show the camera's forward distance.


ZERO: Clear the current distance and recalculate it.

2. Lens Zooming (Additional purchase our zoom camera)


 : Move slider to zoom the lens of remote camera.

Touch Screen

2. Mark

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

4. LED Brightness Control

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

5. Speaker Volume Control

 : Move the slider to control the speaker volume.


6. System Setup

 : Touch this to enter into system setup.



7. Display Parameter Adjustment.

 : Move the sliding block to adjust the parameter.

 : Brightness  : Contrast

 : Colourity  : Saturation

8, Play

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


9. Zoom out

 : Touch this to zoom out the screen.




Touch Screen


10. Zoom in

: Touch this to zoom in the screen.

11. Photo

: Touch to take photo and screen flashes once.


12. Reco

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

13. WiFi

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


14. Mic


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

15. Micro SD card


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

16. Icon Switching of Image Display Scale

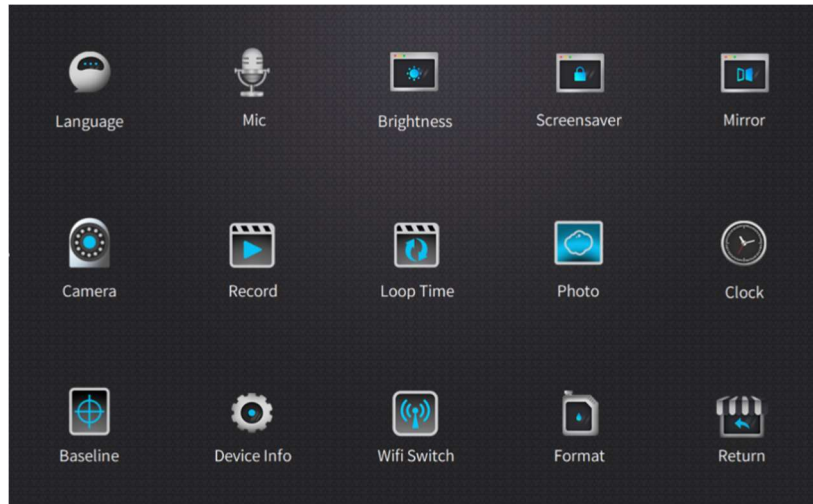
Press : Image displays 4: 3

Press : Image displays 16: 9

17. Battery power

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

System Setup

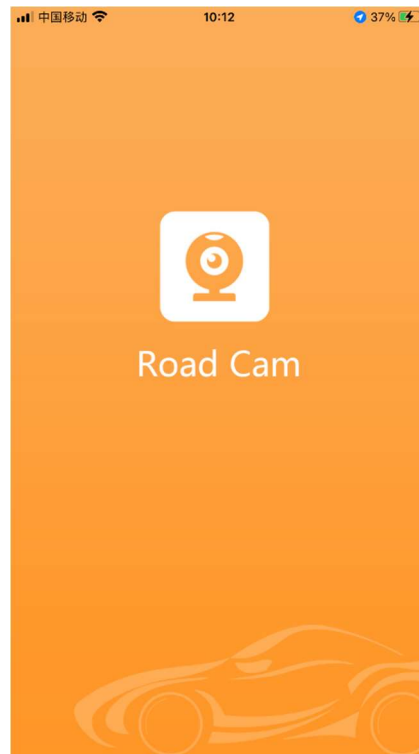


- Language** Show the available languages: Chinese, Traditional Chinese, English, French, German, Russian, Korean, Japanese.
- Mic.** Touch to turn the microphone on/off.
- Brightness** Touch to set the screen brightness.
- Screensaver** Touch to set the time of screen Saver
- Mirror** Touch to set: 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 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, 2s, 3s, 5s 10s, off. If choose 'off' , recording will end until the micro SD card is full.
- Photo** Touch to set the size of photo: 1.2 mega pixels, 8 mega pixels, 4 mega pixels, 2 mega 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 download video locally.
- Enter into *Photo*, play and download 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.

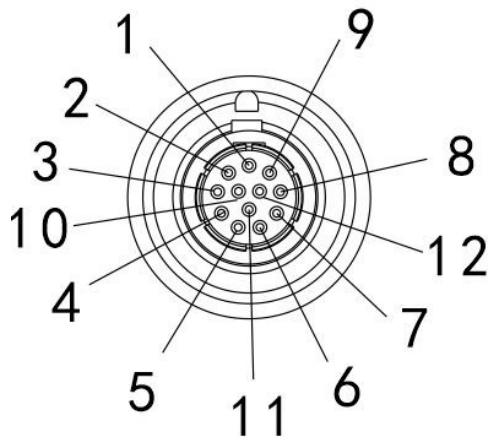
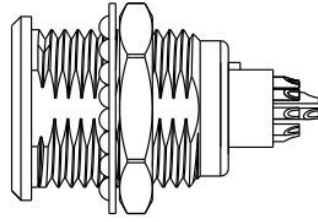
Firmware Upgrade

Before upgrade, please ensure power is >20% (1 grid). Copy upgrade file (Sigmastar Upgrade SD) to micro SD 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 dust-proof and rainproof. Please do not immerse the machine in water.
4. If you continue to use the micro SD card on this device after upgrade, please delete the upgrade files.
5. The default startup password is 8888.

Data Port Pin Definition



1. Video
2. LED control
3. Audio
4. Speaker+
5. Speaker-
6. NC
7. NC
8. NC
9. NC
10. +12V
11. GND
12. GND

Specification

Display	10.1 inch
Screen Resolution	1280*800 pix
Touch screen	capacitive touch screen
Video recording	4K(16:9): 3840x2160@25 /30fps
	2K(4:3): 2560x1944@25 /30fps
	2K(16:9): 2560x1440@25 /30fps
	1080p(16:9): 1920X1080@25 /30fps
Video input	4K 25fps/30fps, 2K 25fps/30fps, 1080P 25fps/30fps, 720P 25fps/30fps, CVBS PAL, CVBS NTSC
Video format	MP4
Photo	12MP、 8MP、 4MP、 2MP (JPG)
Video Output (16: 9)	HDMI 1080P
Compression mode	H. 265 video compression
Audio input/output	1.0Vp-p (20Hz-20KHz)
Speaker Output	1W
Camera LED Control	PWN
File System Support	FAT32
Memory card	TF card 2GB-256GB
Language	Chinese, English, German, French, Korean, Russian, Japanese, etc.

Specification

Voltage	DC :12V USB DC:5V
WiFi Protocol	802.11 a/b
WiFi Channel	2.4000-2.4835Ghz
WiFi power	<16dBm
Power Supply	DC 12V 2.5A
Lithium battery capacity	6200mAh/8.4V(48Wh)
Maximum charging power	15W
working hours	6-8 Hours
Operating temperature	-20°C to 50°C
Waterproof grade	IP65
Size	L*W*H 30*19*1.8CM
Weight	870g

RoadCam App Download

