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RunCam Phoenix 2 Pro Analog FPV Camera featured

RunCam Phoenix 2 Pro Analog FPV Camera User Manual

Contents

RunCam Phoenix 2 Pro Analog FPV Camera

Specifications:

- Model: RunCam Phoenix 2 Pro
- Image Sensor: 1/2.8 Starlight COMS Sensor
- Horizontal Resolution: 1500TVL
- Lens: M12 Lens
- Screen Format: 4:3
- Mirror/Flip: Available
- Signal System: NTSC/PAL
- Shutter: Rolling Shutter
- Sensitivity: Global WDR
- Day/Night: Color/BW
- Menu Control: Cable Control
- Power: DC 5-36V
- Current: 220mA@5V, 120mA@12V
- Housing Material: ABS
- Net Weight: 8g
- Dimensions: 19mm x 19mm x 27mm

Product Usage Instructions:

1. **Installation:**
   Ensure the camera is securely mounted using the provided M2 screws. Connect the necessary power supply within the range of 5-36V.
2. **Menu Navigation:**
   Use the joystick control to navigate through the camera menu. The menu includes options for image settings, video settings, language selection, and more.
3. **Image Settings:**
   Adjust parameters such as exposure, brightness, color enhancement, sharpness, and 3DNR to customize the image output according to your preferences.
4. **Video Settings:**
   Select video standard (NTSC/PAL), HD format, and image ratio (4:3). You can also invert the horizontal or vertical display if needed.
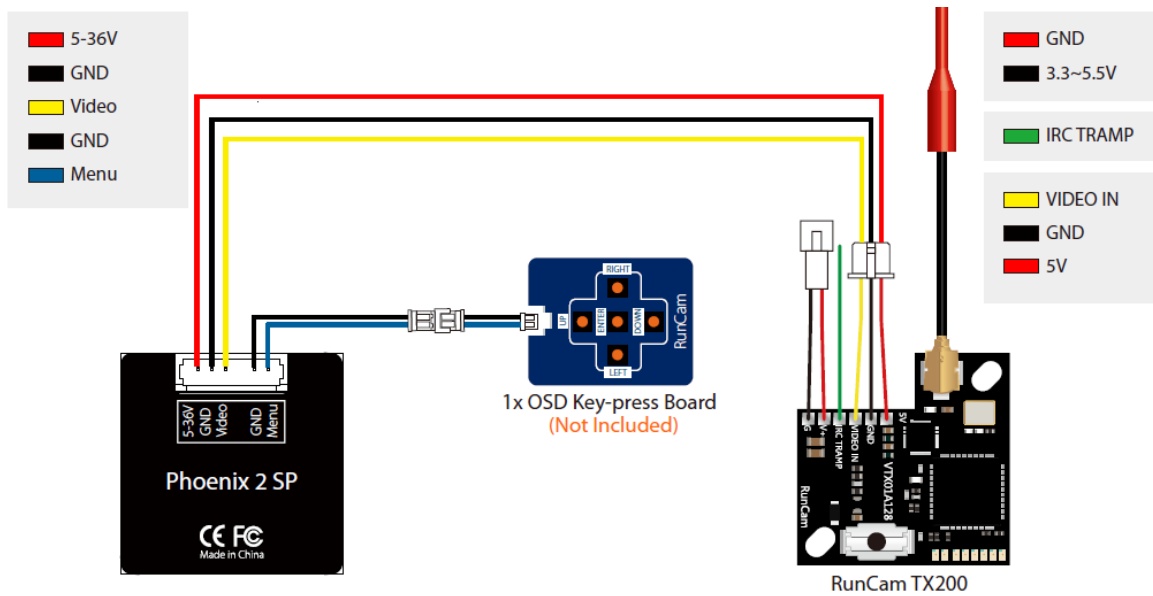5. **Day/Night Mode:**
   The camera features both day and night modes. Configure settings for optimal performance in different lighting conditions.
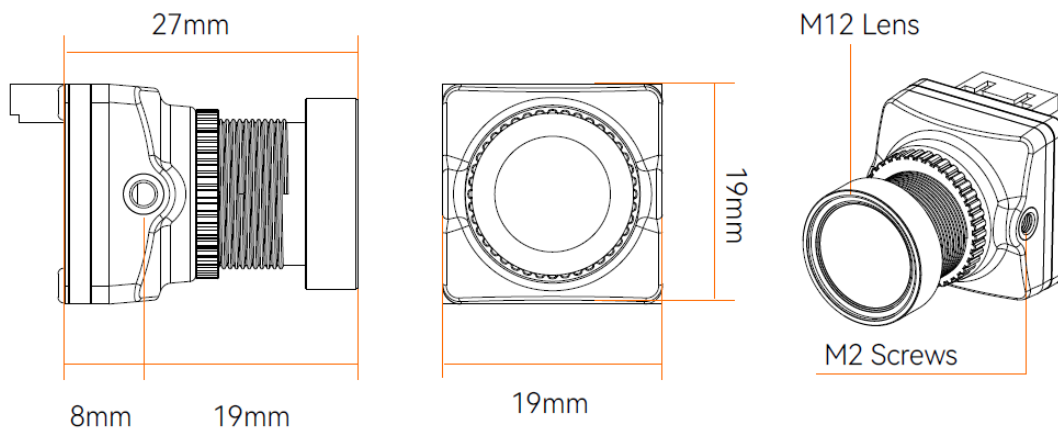6. **WDR (Wide Dynamic Range):**
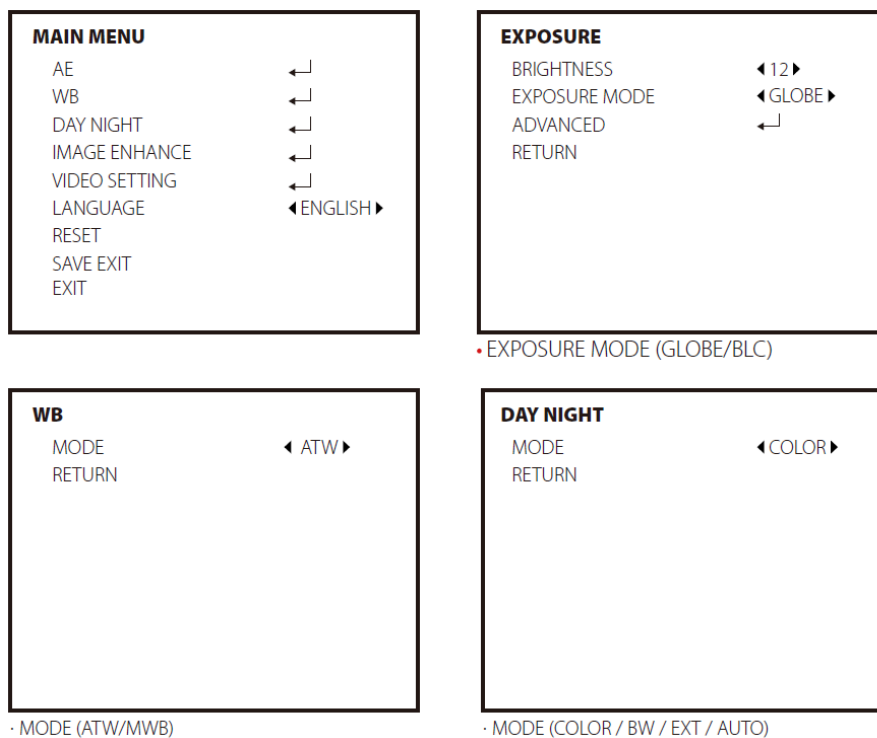   Enable Global WDR to enhance image quality in challenging lighting situations.

Joystick Control

Wiring legend (left):
- 5-36V
- GND
- Video
- GND
- Menu

Phoenix 2 SP
- 5-36V / GND / Video / GND / Menu

1x OSD Key-press Board
(Not Included)

RunCam TX200

Wiring legend (right):
- GND
- 3.3~5.5V
- IRC TRAMP
- VIDEO IN
- GND
- 5V

Dimensions & Installation

27mm

8mm   19mm

19mm

19mm

M12 Lens

M2 Screws

Camera Menu

MAIN MENU

AE	↵
WB	↵
DAY NIGHT	↵
IMAGE ENHANCE	↵
VIDEO SETTING	↵
LANGUAGE	◄ ENGLISH ►
RESET	
SAVE EXIT	
EXIT	

EXPOSURE

BRIGHTNESS	◄ 12 ►
EXPOSURE MODE	◄ GLOBE ►
ADVANCED	↵
RETURN	

• EXPOSURE MODE (GLOBE/BLC)

WB

MODE	◄ ATW ►
RETURN	

· MODE (ATW/MWB)

DAY NIGHT

MODE	◄ COLOR ►
RETURN	

· MODE (COLOR / BW / EXT / AUTO)

```
VIDEO SETTING
VIDEO STANDARD      ◀NTSC▶
HD FORMAT            CVBS
IMAGE RATIO         ◀4:3 ▶
HORIZONTAL INVERTED ◀CLOSE▶
VERTICAL INVERTED   ◀CLOSE▶
WDR                 ◀OPEN  ▶
RETURN
```

· VIDEO STANDARD (NTSC/PAL)
· IMAGE RATIO (4:3 /16:9)

```
IMAGE ENHANCE
CONTRAST    ◀AUTO ▶
SHARPNESS   ◀AUTO ▶
COLOR GAIN  ◀AUTO ▶
3DNR        ◀AUTO ▶
RETURN
```

· CONTRAST (AUTO/MANUAL)
· SHARPNESS (AUTO/MANUAL)
· COLOR GAIN (AUTO/MANUAL)

Parameters

Model	RunCam Phoenix 2 Pro	
Image Sensor	1/2.8″ Starlight COMS Sensor	
Horizontal Resolution	1500TVL	
Lens	FOV D:128° H:97° V:72°	FOV D:112° H:97° V:54°
Screen Format	4�3	16�9
Mirror/Flip	Available	
Signal System	NTSC/PAL	
Shutter	Rolling Shutter	
Sensitivity	15000mV/Lux•sec	
WDR	Global WDR	
Day/Night	Color/BW	
Menu Control	Cable Control	
Power	DC 5-36V	
Current	220mA@5V	120mA@12V
Housing Material	ABS	
Net Weight	8g	
Dimensions	19mm*19mm*27mm	

FAQ:

Q: What power supply range is compatible with the RunCam Phoenix 2 Pro?
A: The camera is compatible with a power supply range of 5-36V.

Q: How can I access the camera menu?
A: Use the joystick control to navigate through the menu options displayed on the screen.

Q: What is the weight of the camera?
A: The camera weighs 8g.

Documents / Resources

[RunCam Phoenix 2 Pro Analog FPV Camera](#) [pdf] User Manual
Phoenix 2 Pro Analog FPV Camera, Phoenix 2, Pro Analog FPV Camera, Analog FPV Camera, FPV Camera, Camera

References

- **AC** **[RunCam](#)**
- **[User Manual](#)**