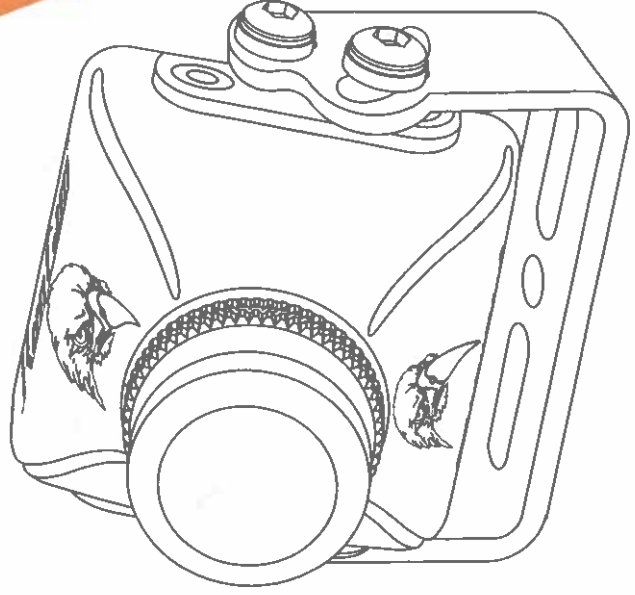




# RUNCAM NIGHT EAGLE 2 PRO

## USER MANUAL



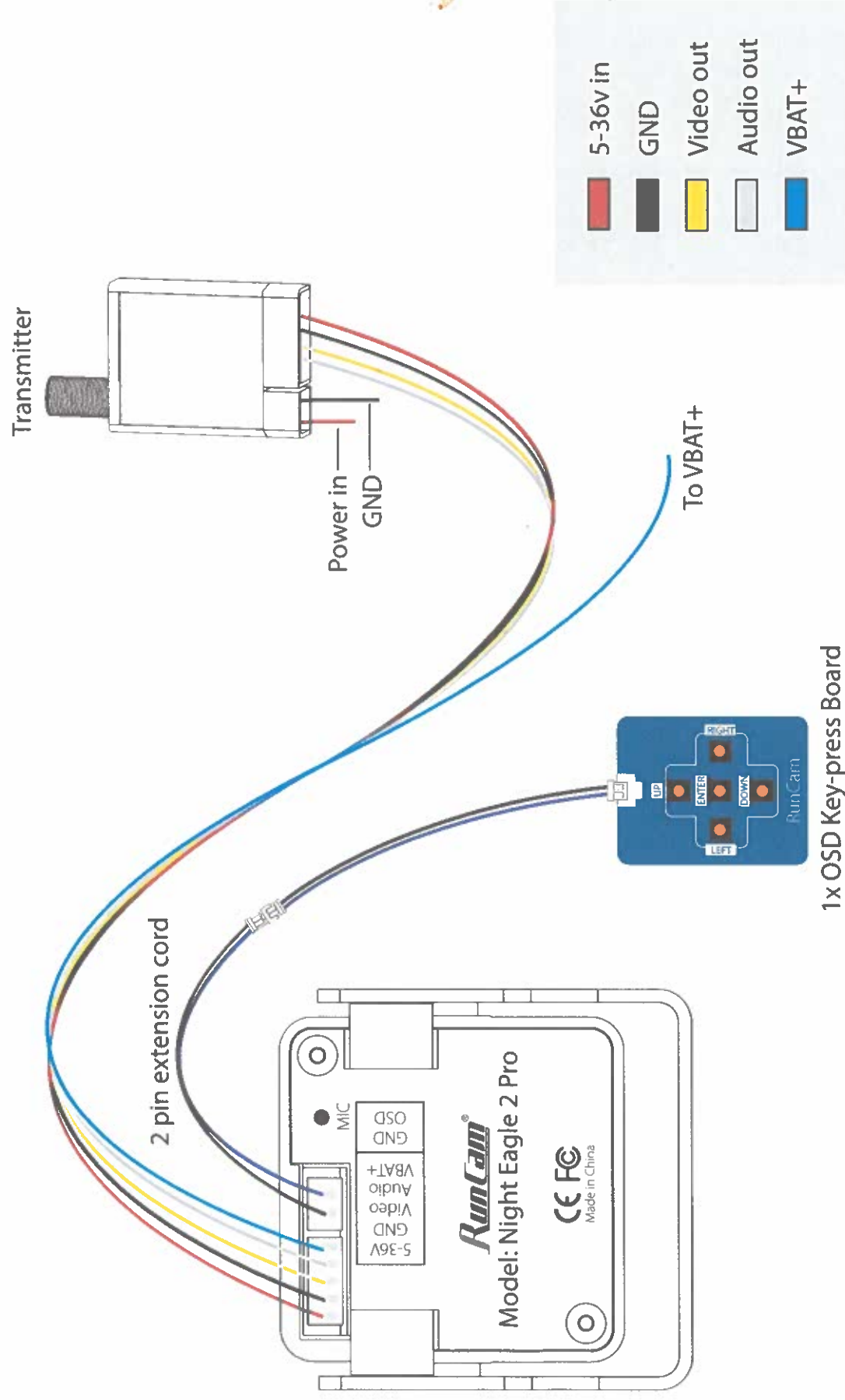


1000



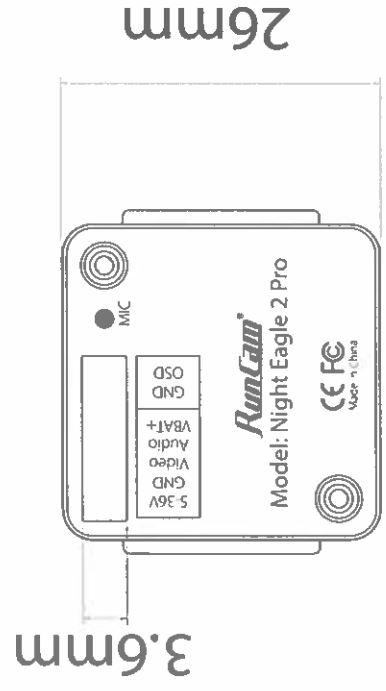
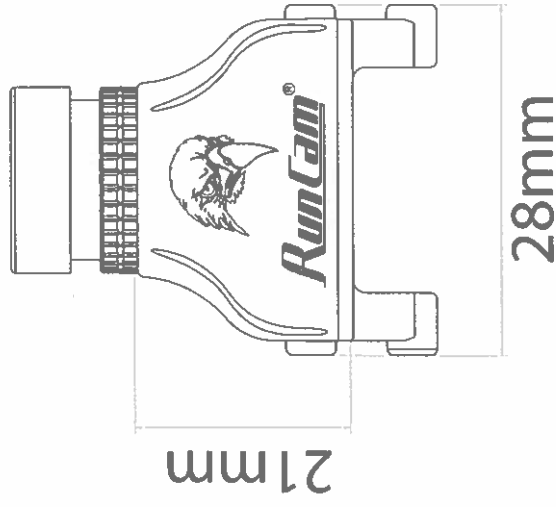
# Connection

\* Unplug the 5D-OSD menu cable after OSD setting.

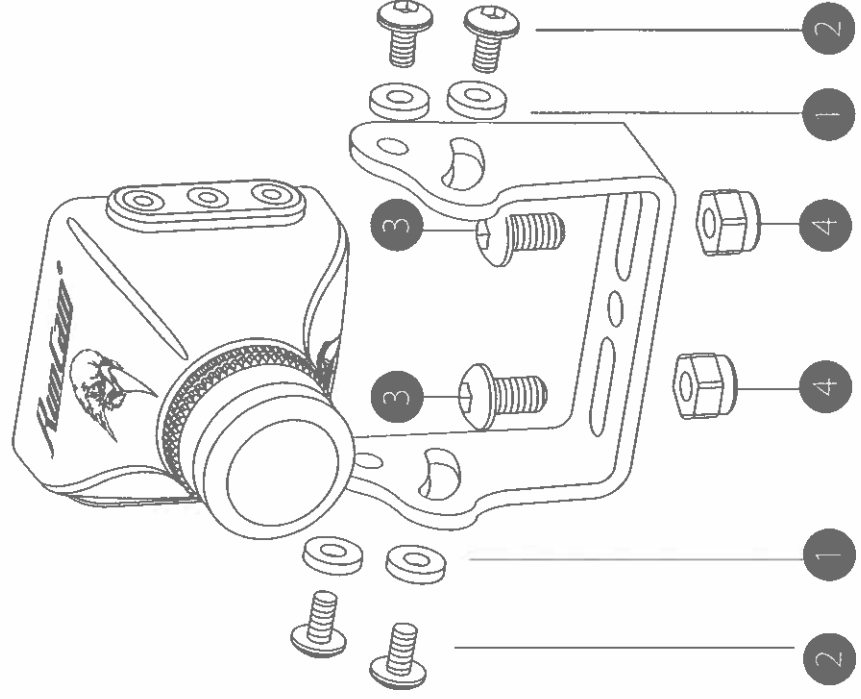


41 241 307 710 0 1

# Dimensions & Installation



- 1 Nylon Gaskets
- 2 M2\*4 Screws
- 3 M3\*5 Screws
- 4 M3 Non-slip Nuts





# OSD Menu

---

16.8v	RunCam	01:08
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- **Quick settings:**

Long press the LEFT/DOWN/RIGHT button for 2 seconds to activate the VOLTAGE/PILOT/TIMER, then you can use the UP, DOWN, LEFT and RIGHT buttons to move it to the appropriate location on the screen, and press the CENTER button to exit.

- **Voltage Calibration**

- Press and hold the RIGHT button for 2 seconds to select the voltage
- Press and hold the CENTER button for 2 seconds, the voltage starts to flash, now you can adjust the Voltage:
- Reduce (LEFT button) or increase (RIGHT button) 0.1V each press. Maximum adjustment range:  $\pm 1\text{V}$
- After adjustment, press the CENTER button to select the voltage, then press it again to save and exit.

- The OSD displays by default the input voltage of the camera. If the VBAT + cable is connected to the battery's positive side, it displays the battery voltage instead.





# OSD Menu

**OSD Setting:** Press and hold the UP button for 2 seconds to enter OSD setup menu.

RunCam

1234567890ABCDEFGH  
IJKLMNOPQRSTUVWXYZ  
YZabcdefghijklmnopqrstuvwxyz.-:/@

PILOT

TIMER

VOLTAGE

BASELINE

DEFAULT

EXIT

ON

ON

ON

OFF

- PILOT: ON/OFF
- TIMER: ON/OFF
- VOLTAGE: ON/OFF
- BASELINE: OFF/1-9
- EXIT: Save the current settings and exit
- Customize the PILOT name: Use the UP, DOWN, LEFT and RIGHT buttons to navigate through the letters and confirm with the CENTER button.



# Camera Menu

Then  
center flip

## MAINMENU

IMAGE

VIDEO STANDARD

LANGUAGE

LOAD DEFAULT

SOFT VERSION

SAVE&EXIT

EXIT



PAL-50HZ

ENGLISH

## IMAGE

MAX GAIN

WDR

IMAGE ENHANCE

MIRROR

BRIGHTNESS

ZOOM IN

RETURN

9

ON



OFF

36

0



• VIDEO STANDARD (PAL-50Hz/NTSC-60Hz)

• LANGUAGE (English/中文)

• MAX GAIN (9 / 1-9)

• WDR (ON/OFF)

• MIRROR (OFF/ON)

• BRIGHTNESS (36 / 8-250)

• ZOOM IN (0 / 0-5)



Figure 1. Relationship between the number of days since the start of the study and the number of days since the start of the study.

# Camera Menu

---

<b>IMAGE ENHANCE</b>	
SHARPNESS	└─▶
SATURATION	└─▶
RETURN	└─▶

- SHARPNESS (AUTO/MANUAL: 0-15)
- SATURATION (AUTO/MANUAL: 0-15)



Model	RunCam Night Eagle 2 PRO
Image Sensor	1/1.8" CMOS Sensor
Horizontal Resolution	800TVL
Lens	FOV 140 2.5mm
Screen Format	4:3
Signal System	NTSC/PAL Switchable on OSD menu
Integrated OSD	Yes
Integrated MIC	Yes
S/N Ratio	>50dB
Electronic Shutter Speed	Auto
Max Gain	1-9
Min. Illumination	0.00001Lux/F1.2
WDR	Global WDR
Day/Night	Only Black & White
Power	DC 5-36 V
Work Current	12V@90mA / 5V@200mA
Housing Material	ABS
Net Weight	15g
Dimensions	L28mm * W26mm * H28.8mm





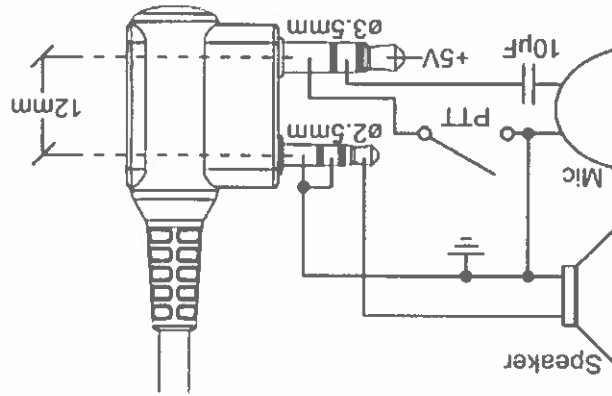
[www.runcam.com](http://www.runcam.com)



## Accessory jack

The accessory jack on the Baofeng UV-5R is a Kenwood compatible two(2)-pin design.

Figure 2.4. Typical 2 pin Kenwood headset configuration.



The Kenwood 2-pin connector has one 3.5mm TRS plug, and one 2.5mm TS plug, spaced 12mm apart.

