RunCam Micro Swift
USER MANUAL
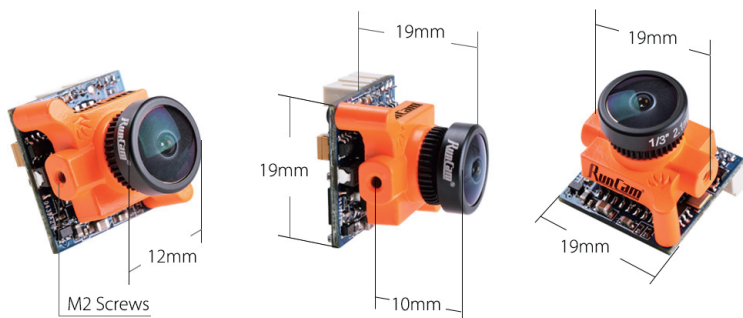
Connection

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

Transmitter

Power in
GND

5-36V
GND
Video

GND
OSD

RunCam
Model: Micro Swift

CE FC
Made in China

UP
L   R
DOWN

5D-OSD menu cable not included

🟥	5-36V in
⬛	GND
🟨	Video out
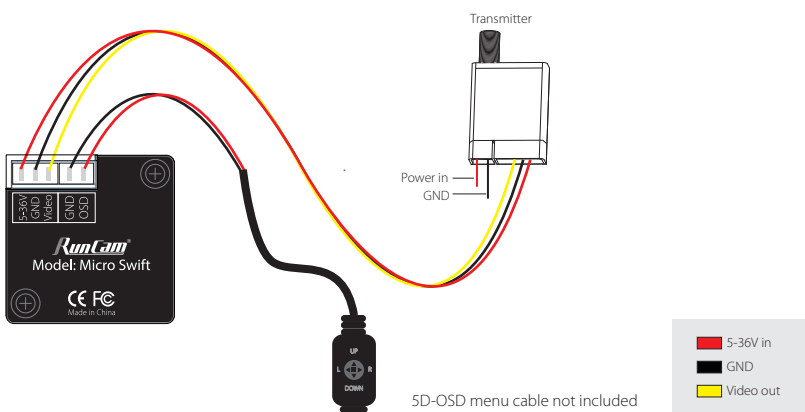
Dimensions & Installation

12mm

M2 Screws

19mm

19mm

10mm

19mm

19mm

Parameters

Model	RunCam Micro Swift
Image Sensor	1/3" SONY Super HAD II CCD
Horizontal Resolution	600TVL
Lens	2.1mm Lens(M8)
Signal System	PAL/NTSC
S/N Ratio	>60dB (AGC OFF)
Electronic Shutter Speed	PAL: 1/50~100,000; NTSC: 1/60~100,000
Auto Gain Control (AGC)	Yes
Back Light Compensation (BLC)	Yes
Min. Illumination	0.01Lux@1.2F
WDR	D-WDR
DNR	2DNR
Day/Night	Color/Auto/B&W
Power	DC 5-36V
Net Weight	5.6g
Dimensions	19mm*19mm*19mm

Camera Menu

- MAIN MENU

```
              SETUP
CAM TITLE                    OFF ⏎
EXPOSURE                         ⏎
BACKLIGHT                        ⏎
WHITE BAL                   ATW1
DAY & NIGHT              COLOR ⏎
IMAGE ADJ                        ⏎
DPC                              ⏎
LANGUAGE                 ENGLISH
RESET                            ⏎
EXIT
```

- CAM TITLE (ON/OFF)
- LANGUAGE (English/中文)
- WHITE BAL (ATW1 / ATW2 / AWC→ SET /
  MANUAL: MANUAL, INDOOR, OUTDOOR)
- DPC (Cover the lens then press enter key)

- EXPOSURE

```
            EXPOSURE
SHUTTER                     AUTO
BRIGHTNESS                   050
AGC                           ON
DWDR                       ON ⏎
RETURN                    RET ⏎
```

- SHUTTER (AUTO / 50-100000 / FLK)
- BRIGHTNESS (50 / 0-255)
- AGC (ON / LOW / MIDDLE / HIGH)
- DWDR (ON: 63 0-63 / OFF)

Camera Menu

- IMAGE ADJ

```
            IMAGE ADJ
LENS SHAD                    OFF
2DNR                         OFF
MIRROR                       OFF
FONT COLOR                     ⏎
CONTRAST                     110
SHARPNESS                    026
DISPLAY                   USER ⏎
NEG IMAGE                    OFF
RETURN
```

- LENS SHAD (OFF/ ON:22 0-255)
- CONTRAST (110 / 0-255)
- SHARPNESS (26 / 0-31)
- DISPLAY (CRT/LCD/USER)

```
            USER ADJ.
GAMMA                       0.50
PED LEVEL                    017
COLOR GAIN                   176
RETURN                    RET ⏎
```

- GAMMA (0.5 / 0.05-1.0)
- PED LEVEL (17 / 0-63)
- COLOR GAIN (176 / 0-255)

Camera Menu

- BACKLIGHT (BLC / HLC / OFF)

```
               BLC
AREA SEL                   AREA1
AREA STATE                    ON
GAIN                         042
HEIGHT                       004
WIDTH                        003
LEFT/RIGHT                   006
TOP/BOTTOM                   005
RETURN                    RET ⏎
```

- AREA SEL (AREA1/AREA2)
- GAIN (042 / 0-255)
- HEIGHT (4 / 0-10)
- WIDTH (3 / 0-9)
- LEFT/RIGHT (6 / 0-6)
- TOP/BOTTOM (10 / 0-10)

```
               HLC
LEVEL                        200
MODE                     ALL DAY
RETURN                    RET ⏎
```

- LEVEL (200 / 0-255)
- MODE (ALL DAY / NIGHT ONLY)

Camera Menu

- DAY ＆ NIGHT （AUTO / COLOR / B&W / EXT)

```
            D＆N AUTO
D→N  LEVEL                   080
D→N  DELAY          3      SEC
N→D  LEVEL                   032
N→D  DELAY          1      SEC
RETURN                    RET ⏎
```

- DAY→NIGHT LEVEL (80 / 0-176)
- DAY→NIGHT DELAY (3 / 1-30)
- NIGHT→DAY LEVEL (032 / 0-255)
- NIGHT→DAY DELAY (1 / 1-30)

```
           D＆N B＆W
BURST                        OFF
IR SMART                     OFF
IR LEVEL                    HIGH
RETURN                    RET ⏎
```

- BURST (OFF/ON)
- IR SMART (OFF/ON)
- IR LEVEL (HIGH/LOW)