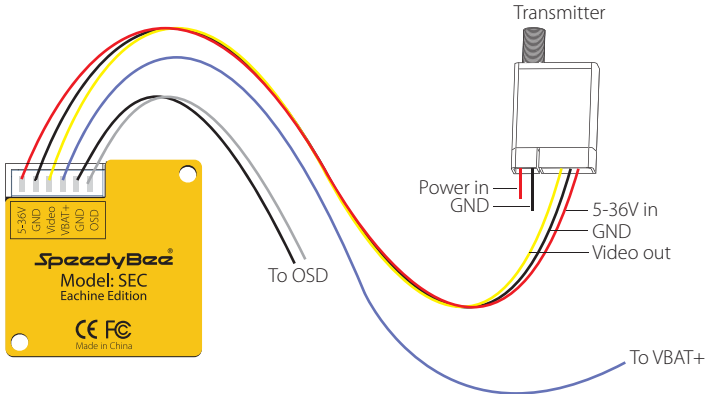
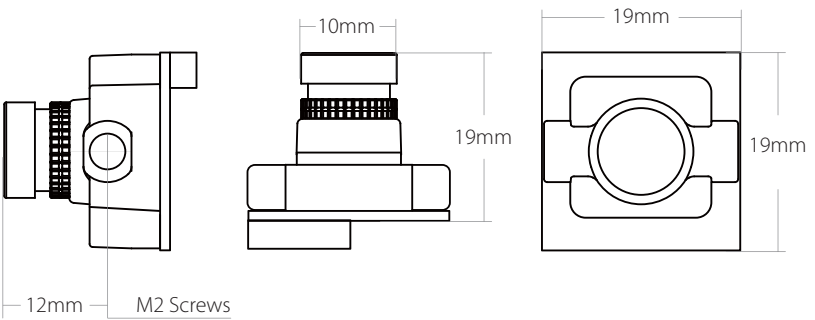


## Connection

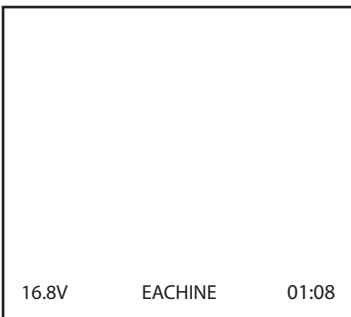


## Dimensions & Installation



## OSD Menu

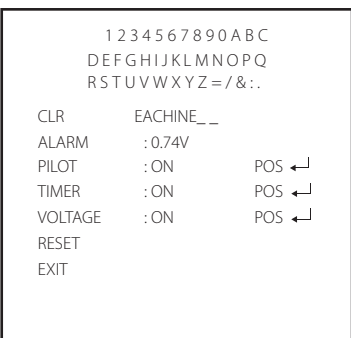
### • QUICK SETTINGS



### Quick settings:

- Long press UP button for three seconds to access to the OSD settings screen
- Long press LIGHT button for three seconds to calibrate the voltage. When the voltage text flashes, press UP/DOWN button to adjust it

## OSD Menu



- CLR: clear the ID character;
- ALARM: low voltage warning value, smartly judge the warning value of the battery when it's low; if set it manually, then it saves the manual preset value;
- Press the middle button to switch ON / OFF, then move to POS to enter the position adjustment.

## Camera Menu

### • MAIN MENU

| PERSONAL MENU |         |
|---------------|---------|
| EXPOSURE      | ←       |
| BACKLIGHT     | ←       |
| WHITE BAL     | ATW1    |
| DAY & NIGHT   | COLOR ← |
| IMAGE ADJ     | ←       |
| DPC           | ←       |
| LANGUAGE      | ENGLISH |
| RESET         | ←       |
| EXIT          |         |

- 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        | OFF   |
| DWDR       | ON ←  |
| RETURN     | RET ← |

- SHUTTER (AUTO / 50-100000 / FLK)
- BRIGHTNESS (50 / 0-255)
- AGC (OFF / 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)

## Parameters

| Model                         | SpeedyBee Eachine Camera              |
|-------------------------------|---------------------------------------|
| Image Sensor                  | 1/3" SONY Super HAD II CCD            |
| Horizontal Resolution         | 600TVL                                |
| Lens                          | 2.3mm 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                    | 5.8g                                  |
| Dimensions                    | 19mm*19mm*19mm                        |