

# Little Pilot

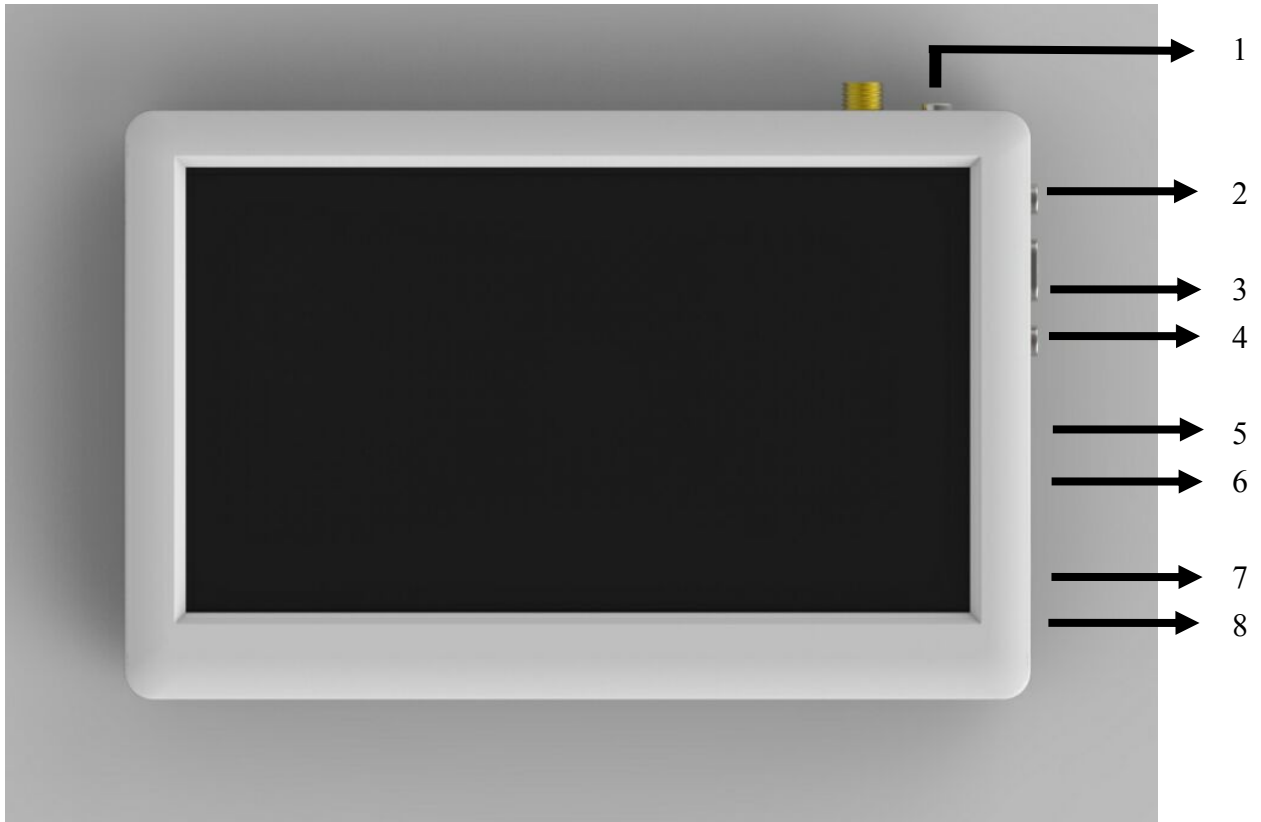
All-in-one 5 inch FPV Monitor

Ver 2.3

# User Manual

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## Specifications and Features



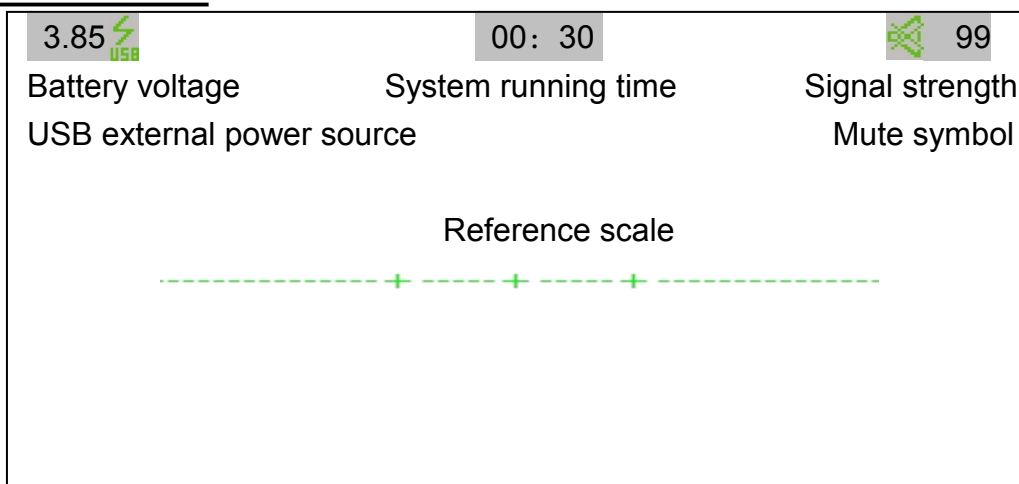
1. Mute button
2. Up/Auto channel search button
3. Power/ Menu button
4. Down/Reference scale show/hide button
5. Video output port
6. Video input port
7. Battery charging status light (will turn OFF when the battery is fully charged)
8. Micro USB Charge port

LED Screen	Resolution	800×480 (HD) 480×272 (SD)
	Backlight	LED
	Brightness	700 cd/m <sup>2</sup> (HD) 450 cd/m <sup>2</sup> (SD)
	Aspect ratio	16: 9
	Response time	10ms
	Color system	PAL/NTSC
Power Supply	Battery life	2.5-3 hours
Input	Signal	Video (PAL/NTSC)
Output	Signal	Video
Matching antenna	Interface	RP-SMA
5.8G	Sensitivity	-94db

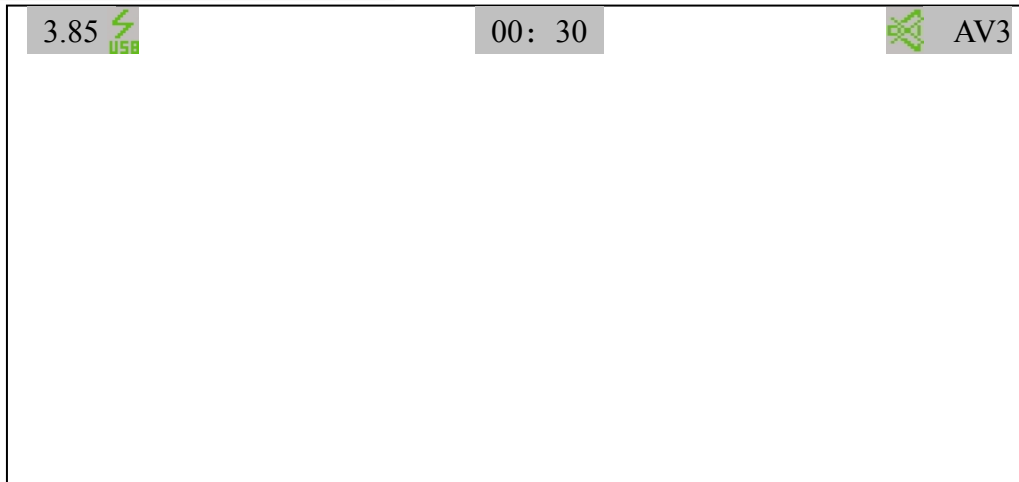
### **Button Description**

Button name	Function	Shortcut function
Mute button	Mute	
Adjustment button(+)	Item increase	Auto channel search
Adjustment button(-)	Item decrease	Reference scale display
Power/Menu button	Enter menu	Turn-on/off

### **FPV Interface**



## External Video Interface



## Display Interface Setting

Press Menu button to popup menu setting:

FRQA	C
FRQB	3 5765
FORMAT	AUTO
GAMMA	C0
BRI	49
CON	49
SAT	49
LAN	EN
LIGHT	H
VOLADJ	5
RESET	
EXIT	

## Frequency Group Selection

You can manually select the desired frequency from 4 groups: A, B, C and D, or select SCAN option to start auto search.

Thirty-two 5.8G channels are covered:

A1: 5.645G	B1: 5.740G	C1: 5.725G	D1: 5.733G
A2: 5.665G	B2: 5.760G	C2: 5.745G	D2: 5.752G
A3: 5.865G	B3: 5.780G	C3: 5.765G	D3: 5.771G
A4: 5.705G	B4: 5.800G	C4: 5.785G	D4: 5.790G
A5: 5.885G	B5: 5.820G	C5: 5.805G	D5: 5.809G
A6: 5.905G	B6: 5.840G	C6: 5.825G	D6: 5.828G
A7: 5.925G	B7: 5.860G	C7: 5.845G	D7: 5.847G
A8: 5.945G	B8: 5.880G	C8: 5.865G	D8: 5.866G

**Format:**

3 options are provided: AUTO/PAL/NTSC. If AUTO selected, the input video system will be automatically identified. System setting will cause display failure.

**GAMMA:**

Control buttons: (-), (+). Range: C1-C3.

**Brightness:**

Control buttons: (-), (+). Range: 1-99.

**Contrast:**

Control buttons: (-), (+). Range: 1-99.

**Saturation:**

Control buttons: (-), (+). Range: 1-99.

**Voltage trimming:**

Range:-10~+10 (-0.1V~+0.1V)

**Language:**

Control buttons: (-), (+).

Options: Chinese and English

**Reset:**

This option leads back to factory default settings.

**Auto Channel Search**

Press “+ button” to start auto channel search. The channel with the strongest signal will be chosen.

**Show/hide Reference Scale**

Reference scale can be showed by pressing “- button” once and hid by pressing the same button again.

**Battery Charging**

Connect the machine to a phone charger using the included USB cable. Using 1A charger or turning off the machine will increase the charging rate. The Charging Status Light remains ON while the battery is charging and it will turn OFF when the battery is fully charged. Charging current can be 500mA or 1A.

**FAQ****The video displayed is black-and-white:**

- Check whether the camera output is black-and-white (some cameras might automatically shift to black-and-white in low-light conditions)

**Video display is abnormal:**

- Try resetting the machine.
- Set the video format to AUTO.

**No response when turned on:**

- Try charging the machine for 30 minutes, notice whether the Charging Status Light is on or not.

**No channel can be received:**

- Install antennas, and move the monitor close to the 5.8 GHz transmitter.
- Try searching channels manually.

**No sound:**

- Try pressing the Mute button to turn on the sound.