



智者不惑，仁者不忧，勇者不惧。

The wise are free from perplexities;
the virtuous from anxiety; and the bold from fear.

Little Pilot III

All-in-one 5 inch FPV Monitor

User Manual

Specifications and Features:

Features:

Button Description

FPV Interface Descriptions

External video input Interface (IF Have):

Display Interface Setting:

Frequency Group Selection

Format

Osd

Latitude:

Brightness:

Contrast:

Saturation:

Burst:

Language:

Black light

Reset:

Auto Channel Search

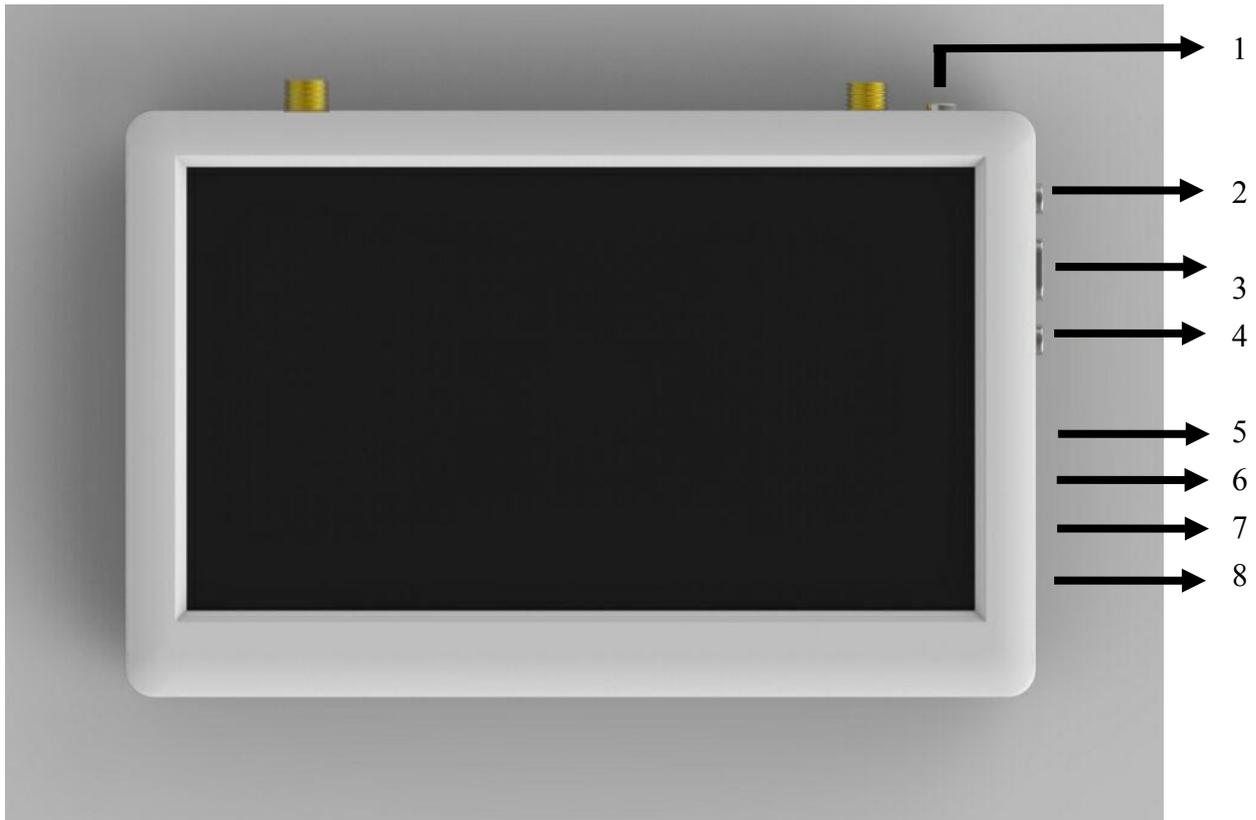
Channel switching

Battery Charging

FAQ:

- Not able to search channels automatically:
- The video displayed is black-and-white
- Can not start after connected to power
- Voltage and time do not display:

Specifications and Features:



1. Mute button
2. + / Auto channel search button
3. Power / Menu button
4. - / Channel switching
5. Video output ,5V output
6. Video input
7. Battery charging status light(will turn off when the battery is fully charged)
8. Micro USB charge port

LED Screen	Display resolution	800×480
	Backlight	LED
	Brightness	700 Lux
	Aspect ratio	16: 9
	Response time	10ms
	Color system	PAL/NTSC
Battery	Battery life	2.5~3 hours
Input	Signal	Video (PAL/NTSC)
Output	Signal	Video (PAL/NTSC)
Specification	Monitor size	128.5mm×83.5mm×16.8mm
	Gross weight	220g
	5.8G Sensitivity	-94dB

Matching antenna interface	interface	RP-SMA
5.8G	Sensitivity	-93db

Features:

Specially designed for aerial photography system, Sharp Vision all-in-one monitor has the following features:

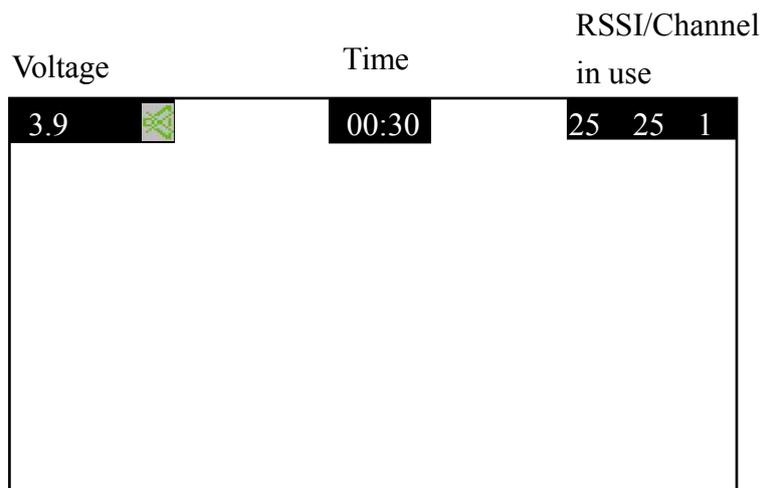
- ✓ High brightness: 700 Lux.
- ✓ Dual receiver: built-in dual receivers.
- ✓ No delay/anti blue screen/anti black screen: the system won't cause any delay in receiving signal; blue screen or black screen will definitely not occur.
- ✓ Auto/manual channel scan: no need for DIP switch.

Note: Three display resource types of this monitor are: **FPV interface**, **External video input interface**.

Button Description

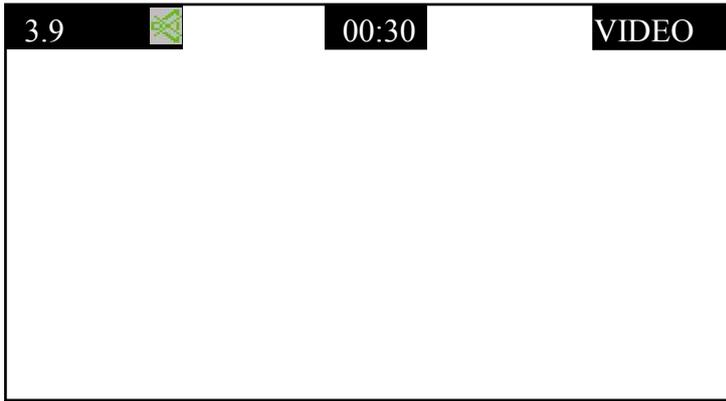
Button name	Function	Shortcut function
Mute button	Mute	
Adjustment button(+)	Item increase	Auto channel search
Adjustment button(-)	Item decrease	Reference scale display /Press 2sec to switch channel
Power/Menu button	Enter menu	Turn-on/off

FPV Interface Descriptions



External video input Interface (IF Have):





Voltage indicator: input voltage value is displayed; Display from 3.3V to 4.2V.

Audio indicator: Display the current state of a sound

Time indicator: monitor running time is displayed.

Signal strength indicator: the strength of both the signals received by ANT1 and ANT2 is displayed.

Display Interface Setting:

Press OK button to pop up menu setting:

FRQA	A
FRQB	A1 5645
FORMAT	AUTO
OSD	ON
GAMA	CO
BRI	20
CON	20
SAT	20
BURST	PO
LAN	EN
LIGHT	H
RESET	
EXIT	

Frequency Group Selection:

You can manually select the desired frequency from 6 groups: A 、 B 、 C 、 D 、 E and F, or select SCAN option to start auto search

Dual 5.8G receivers cover 48channels:

	A	B	C	D	E	F
1	5.645G	5.740G	5.725G	5.733G	5.658G	5.362G
2	5.665G	5.760G	5.745G	5.752G	5.695G	5.399G
3	5.865G	5.780G	5.765G	5.771G	5.732G	5.436G

4	5.705G	5.800G	5.785G	5.790G	5.769G	5.473G
5	5.885G	5.820G	5.805G	5.809G	5.806G	5.510G
6	5.905G	5.840G	5.825G	5.828G	5.843G	5.547G
7	5.925G	5.860G	5.845G	5.847G	5.880G	5.584G
8	5.945G	5.880G	5.865G	5.866G	5.917G	5.621G

FORMAT:

Press LEFT or RIGHT button to enter system setting, 3 options are provided: AUTO/ PAL/NTSC. If AUTO selected, the input video system will be automatically identified. System setting will cause display failure.

OSD

Menu opening and hiding

Latitude:

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

Brightness:

Control buttons: LEFT (-), RIGHT (+).Range: 1-40.

Contrast:

Control buttons: LEFT (-), RIGHT (+).Range: 1-40.

Saturation:

Control buttons: LEFT (-), RIGHT (+).Range: 1-40.

Burst:

Adjust Color Burst to get colorful image. Control buttons: LEFT (-), RIGHT (+).Range: P0-P7.

Language:

Control buttons: LEFT (-), RIGHT (+).Options: Chinese/English.

Black light:

Adjust LED light brightness, Auto, High, Low.

Reset:

Reset values to default.

Auto Channel Search

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

SEARCHING... A1 5645

Channel switching

there can be showed by long pressing “- button”

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.

FAQ:

Not able to search channels automatically:

- Auto channel scan only functions in the FPV interface.

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)

Can not start after connected to power:

- First fully charge the battery, Check whether the battery power is enough.

No channel can be received:

- Install antennas, and move the monitor close to the 5.8 GHz transmitter.
- Connect video signal to the transmitter.
- Check whether the channel provided by the transmitter is one of those listed in the channels-able-to-be-received-table; check with other channels.

Voltage and time do not display:

- In the menu to observe the "menu" option is for the "ON" , shows the hidden window.
- Reset machine settings in menus