

User Manual

WIFI AVIN FOR FPV

Model: 802W



Product Features

- Send AV signals to iPhone, iPad, and Android phone
- WiFi transmission
- Adjustable multiple angle camera viewing, with image-flip ability
- Minimum illumination less than 0.5 Lux, digital compensation for clear night vision

- Easy installation, wiring free
- 12VDC power supply
- Transmission distance with no obstacle more than 150meters
- The client terminal shall support Android 2.2 or above, and iOS shall support Version 4.3 or above.

Specifications

Item	Specifications	
Transmitter	Transmitting frequency	2400MHz-2483.5MH
	Modem mode	802.11b: DSSS(CCK,DQPSK,DBPSK) 802.11g/n: OFDM(BPSK,QPSK,16QAM,64QAM)
	Transmission distance with no obstacle	>150m
	Frame rate	30fps
	Video resolutions	VGA
	Video compression	H.264
	Wireless protocols	IEEE 802.11b, IEEE 802.11g IEEE 802.n(1T1RModes)
	Power supply	DC 12V
	Consumption current	150mA (Max)
	Encryption mode	WPA2
	Rainproof	Yes
	Weight	80+-5g
Dimensions	78*43*18mm	
Operation temprature	-10℃~+50℃	
Operation humidity	15%~85% RH	

Operations for Android system client

1. GOOGLE PLAY store.
2. Search "**WIFI AVIN**" software, and download.
3. Install the APP software, as the following interface:

◆Installation APP software:



4. Turn on the intelligent mobile device terminal and enter

◆Connection WIFI:

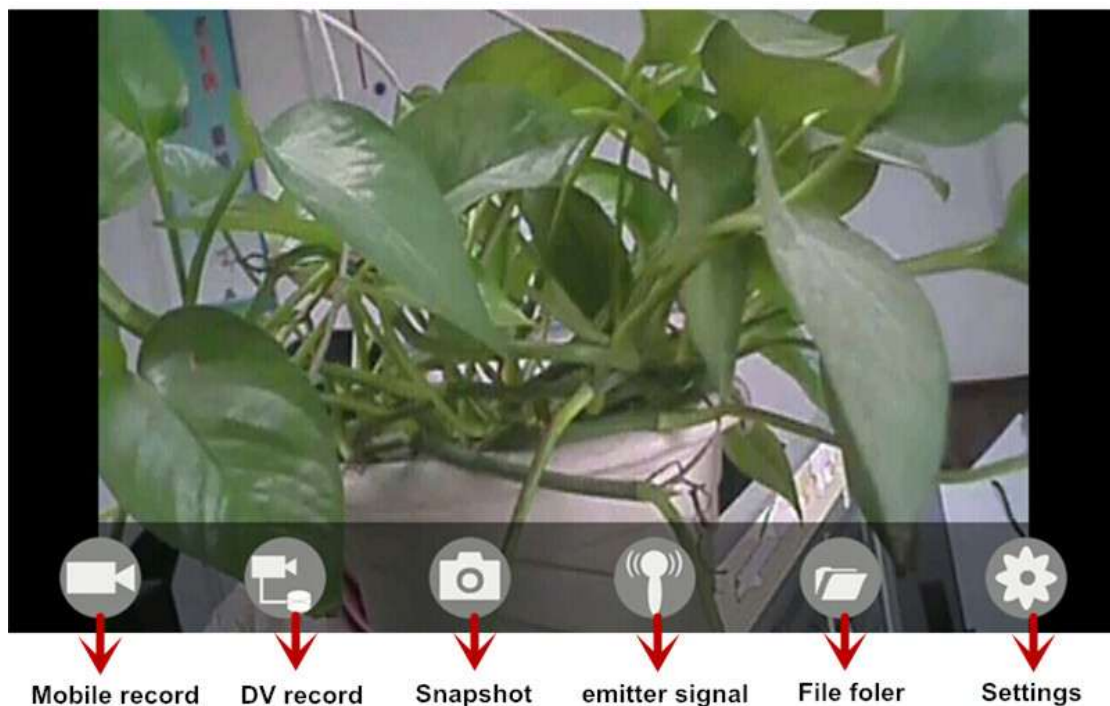
1. Click "wi-fi", select your camera, and connect the wifi of the intelligent mobile device terminal to the wifi of the tool. The initial SSID of the device is "WIFI AVIN", then type in the password of the device (default password: 12345678).

2. Click the "📶" icon in the main interface of the intelligent mobile device terminal.

◆View the video:

Open the app 📶, and if the connection between the wifi of the tool and the intelligent mobile device terminal is successful, the icon 📶 will be highlighted, and the images transmitted from the wifi camera tool can be seen in the APP, as shown in the figure.




With unique image zoom in, zoom out function.



Notice:

- When the background is black or the image is still, please exit the app, and check whether the wifi connection is normal. Then click again the app icon to enter into the software interface.

◆Settings:

Press this icon  to enter into the settings menu. You can change the default factory SSID and password of the wifi camera tool, and clicking  will show whether the change is successful, and clicking  to cancel the new SSID set.



Notice:

- User could press the RESET button of the transmitter to renew the default factory SSID and password.

Operations for iOS Apple system client

◆Installation APP software:

1. Turn on the intelligent mobile device terminal and enter APP store.
2. Search "**WIFI AVIN**" software, and download.
3. Install the APP software, as the following interface:



◆ Connection WIFI:

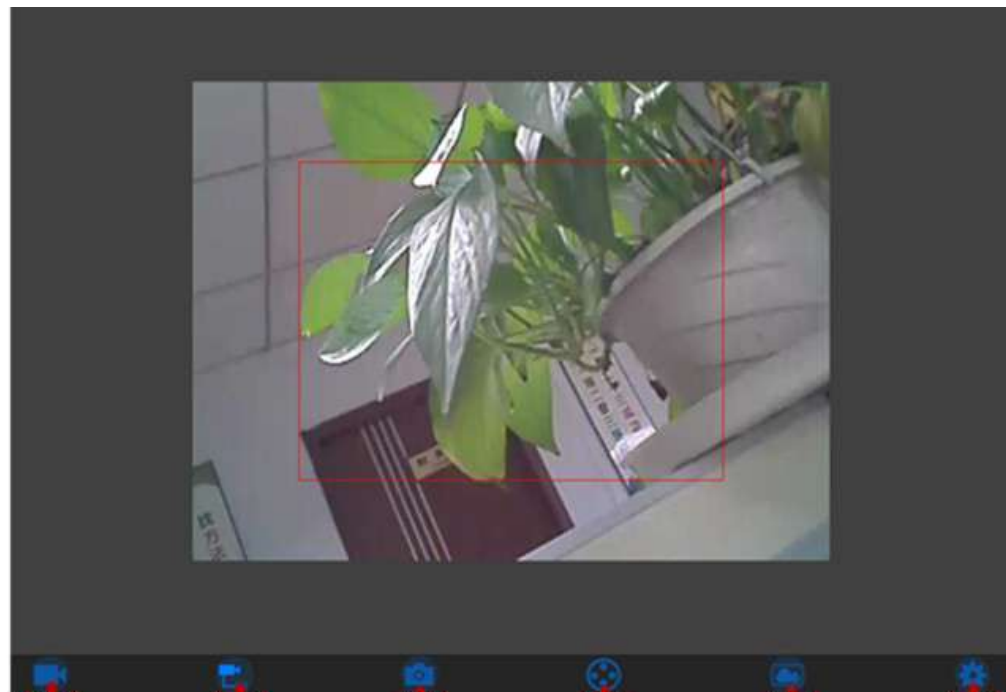
1. Click "wi-fi", select your camera, and connect the wifi of the intelligent mobile device terminal to the wifi of the tool. The initial SSID of the device is "WIFI AVIN", then type in the password of the device (default password: 12345678).



2. Click the "WIFI CAM" icon in the main interface of the intelligent mobile device terminal.

◆ View the video:

With unique image zoom in, zoom out function.





Mobile record DV record Snapshot Record folder Snapshot folder Settings

Notice:

- When the background is black or the image is still, please exit the app, and check whether the wifi connection is normal. Then click again the app icon to enter into the software interface.

◆ Settings:

Press this icon  to enter into the settings menu. You can change the default

factory SSID and password of the wifi camera tool, and clicking  will show whether the change is successful, and clicking  to cancel the new SSID set.



SSID: words or numbers[1-16]

password: words or numbers[8-16]

Notice:

- User could press the RESET button of the transmitter to renew the default factory SSID and password.