

# AVACOM

Advanced Vision & Audition

## **H50 Series H.264 IP Cameras Quick Start Guide**



## **Installation & Configuration Guide**

With USA Technical Support & Warranty Information

AVACOMTECH INC.

[www.avacomtech.com](http://www.avacomtech.com)

# Hardware Installation

**Please check to see that you have the following:**

H5060W	H5080AW
H5060W IP Camera	H5080AW IP Camera with bracket
Antenna	Antenna
Ethernet cable	Ethernet cable
5V power adapter	12V power adapter
Mounting bracket and screws	Screws
CD-ROM with setup software	CD-ROM with setup software

## **You will also need:**

1. A computer with a CD-ROM drive or active Internet connection
2. A WiFi router with at least one other available Ethernet port
3. A screwdriver

## **Preparation for Plug & Play Installation or Network/WiFi settings**

1. Connect Ethernet cable between the camera and your router or WiFi router
2. Connect the antenna to camera
3. Connect the power adapter to camera and plug it into a power outlet

# Android/iPhone/iPad APP Plug & Play Installation

1. Make sure your Android phone, iPhone or iPad has installed barcode scanner APP
2. Scan Android APP or iPhone/iPad APP QR code on the box
3. Run the APP, to add a camera select “Add device”. You can “Search device in LAN” and choose the camera serial number from the list or “Scan device QR code”, the device QR code is located on the back of the camera, enter the User and Password (default user name is “admin”, password is blank), then click **Done** icon.

< List Add device Done

Input Device Information

Name WiFi Camera

IP Address: Camera >

DID ?

User: admin ?

PWD: ?

Scanning device QR code >

Search device in Lan >

< List Add device Done

Input Device Information

Name WiFi Camera

IP Address: Camera >

Search Result

H5060W  
HSL-123456-ABCDE



Refresh Cancel

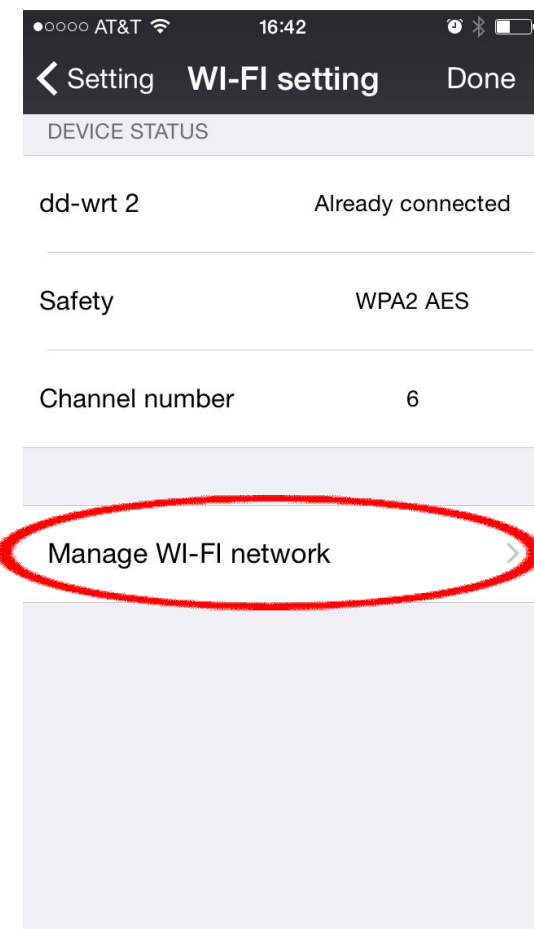
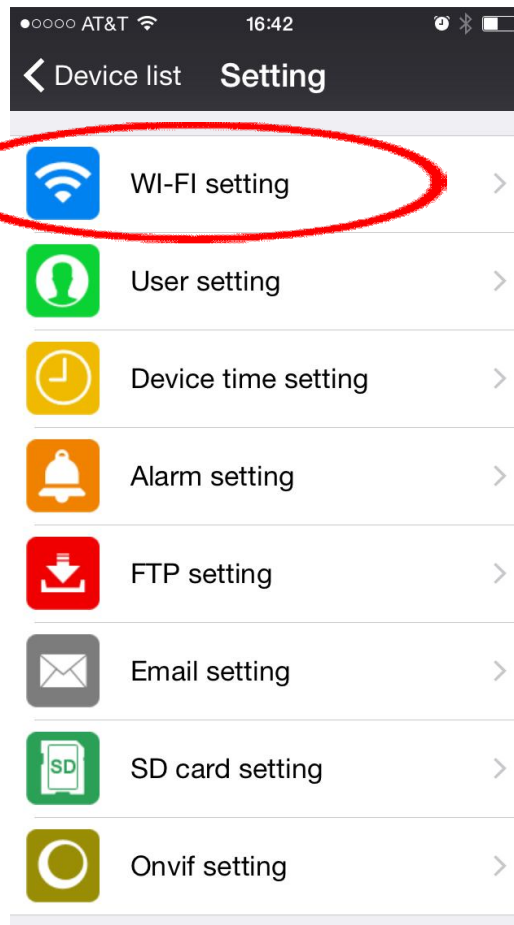
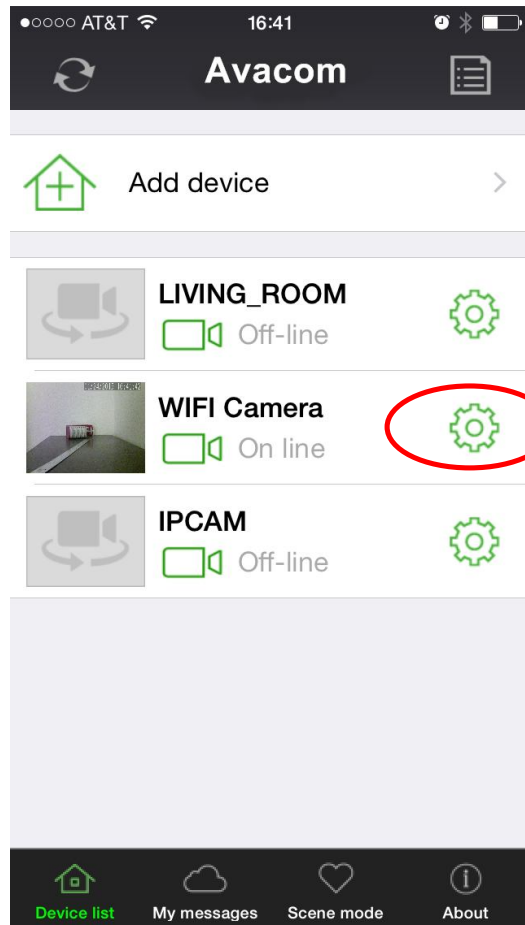
Scanning device two-dimension code >

Search device in Lan >



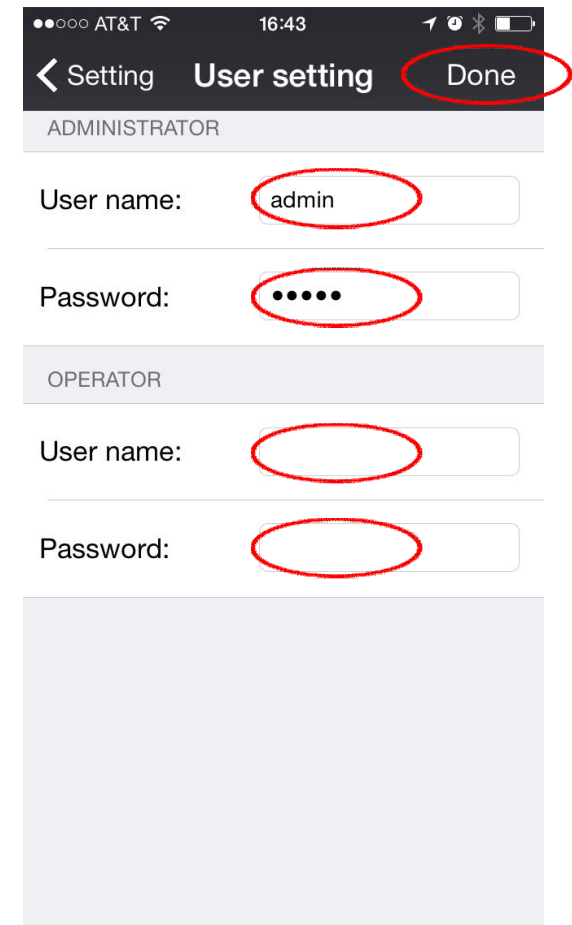
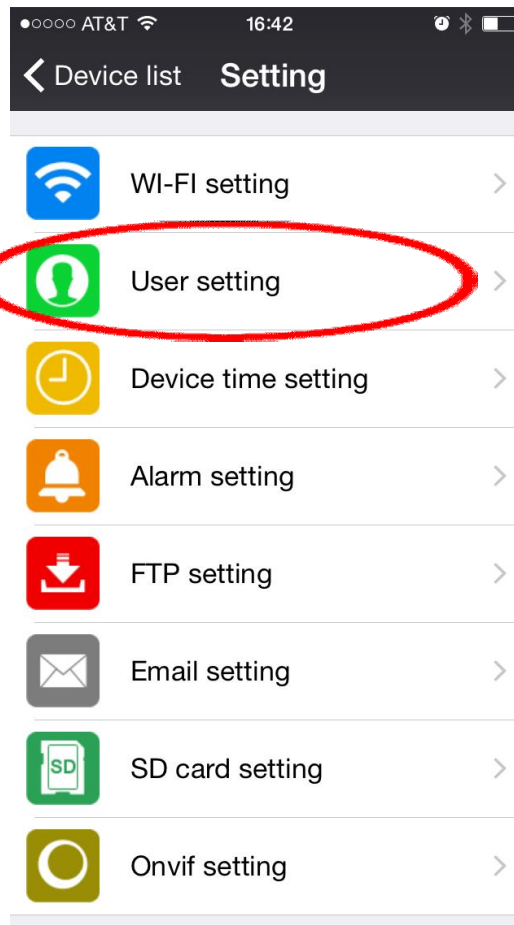
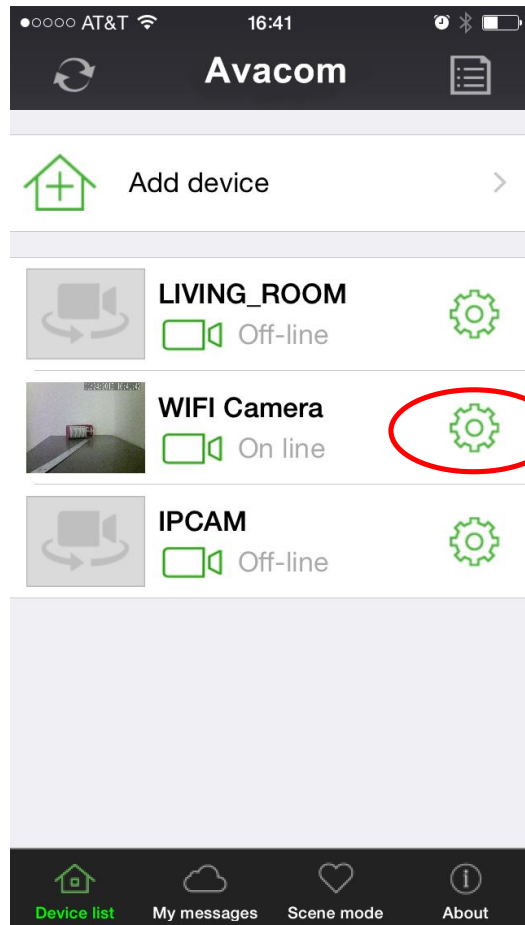
# Setup WiFi SSID/Password in APP

1. Click  in device list into setting page, then click  to WiFi setting page, click Manage WI-FI network , then select the SSID that the camera would connect to, input the password (Share Key) of the SSID, the device status should changes to “Already connected” in a few seconds.






# Change User Name/Password in APP (IMPORTANT)

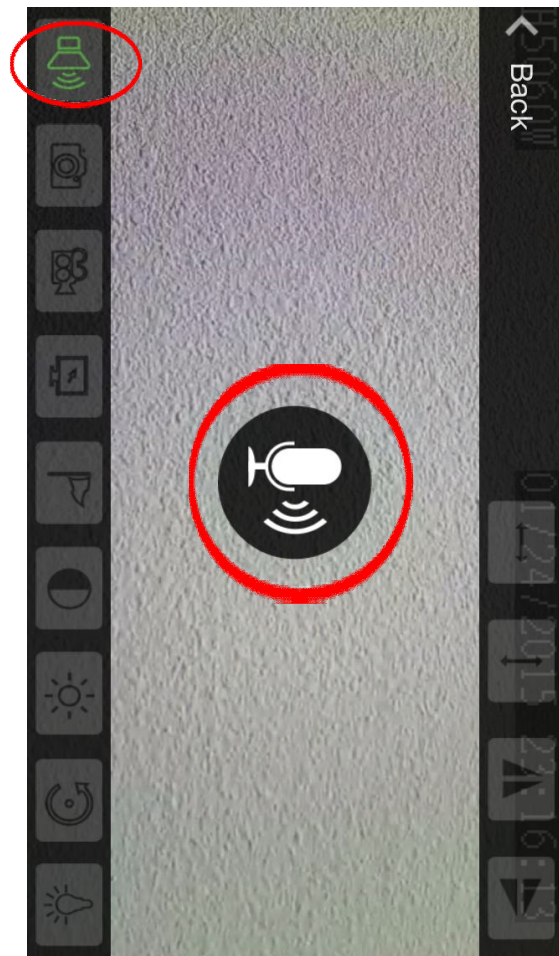
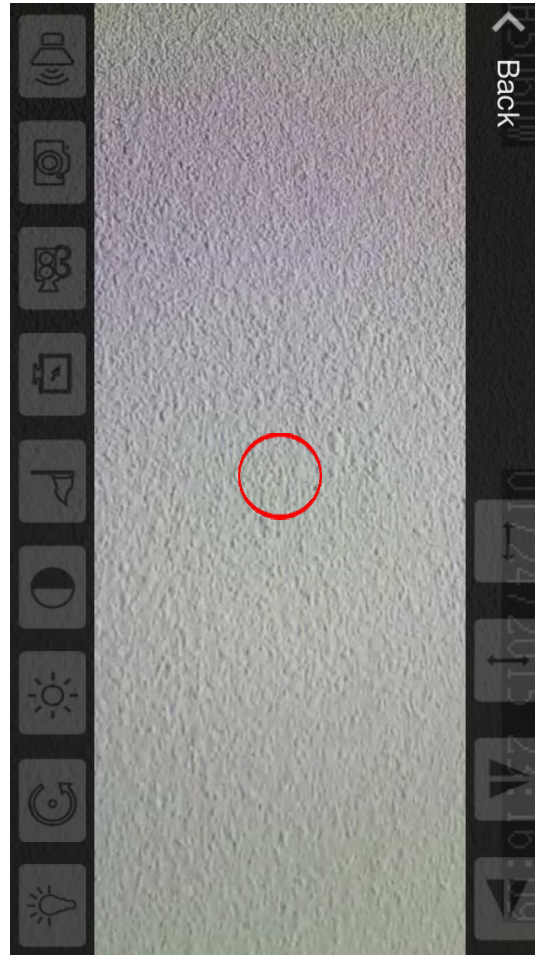
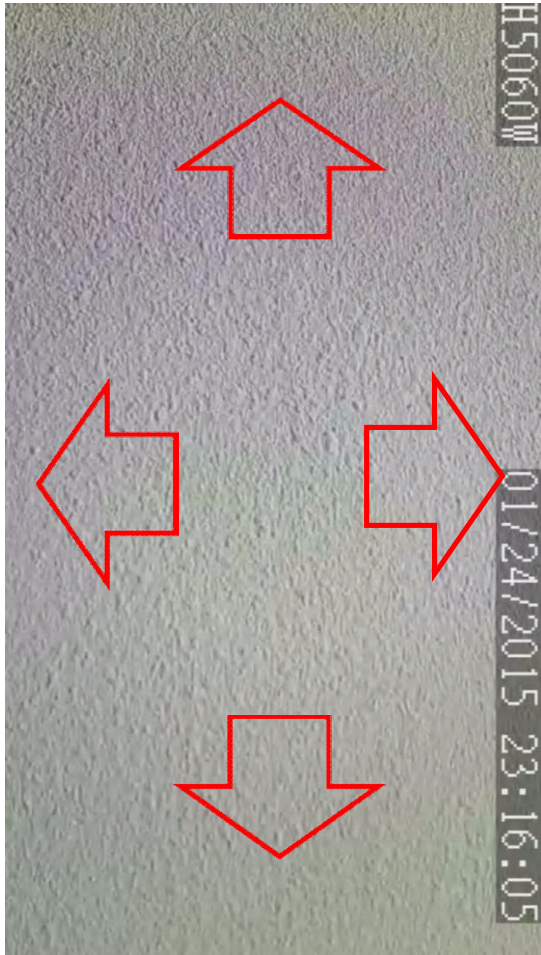
1. Click  in device list into setting page
2. Click  into user setting page, setup “administration” and “operator” user name and password, then click .





## Viewing Live Video, Pan/Tilt or Push to Talk in APP

1. Click device list into preview page, drag the image to pan or tilt the camera
2. Click the screen to enable or disable tools menu. click  to enable or disable push to talk, push  n to talk, release  n to listen.



## Search Camera IP Address with search tool (optional)

### 1. Search camera IP address with H5060W Search Tool

Run Search\_tool4.2.exe on the CD, click “Refresh”

The screenshot shows a Windows application window titled "Search". On the left, there is a "Device" list with one entry: "H5060W(192.168.1.117)[81]". The right side of the window has two tabs: "Basic information" (selected) and "Other". Under "Basic information", there are fields for IP (192 . 168 . 1 . 117), Subnet mask (255 . 255 . 255 . 0), Gateway (192 . 168 . 1 . 1), DNS1 (8 . 8 . 8 . 8), DNS2 (68 . 105 . 28 . 11), MAC (00 02 b2 03 8c a8), Port (81), ID (HSL-014018-XTFRK), and Name (H5060W). A checkbox for "DHCP" is checked. A "Setting" button is located at the bottom right of the configuration area. At the bottom of the window, there is a "Refresh" button, a "User" field with "admin", a "Pwd" field, and a "Clear Arp" button.

Device
H5060W(192.168.1.117)[81]

Field	Value
IP	192 . 168 . 1 . 117
Subnet mask	255 . 255 . 255 . 0
Gateway	192 . 168 . 1 . 1
DNS1	8 . 8 . 8 . 8
DNS2	68 . 105 . 28 . 11
MAC	00 02 b2 03 8c a8
Port	81
ID	HSL-014018-XTFRK
Name	H5060W

Double click on the camera in the Device list to launch your web browser.

## Viewing Video in browsers (optional)

1. To view using Windows Internet Explorer choose 'livestream mode'



livestream mode (for Internet Explorer)

---

2. To view using Firefox, Safari, or Chrome choose 'videostream mode'



videostream mode(for FireFox)

---

3. To view videos stored on the SD card



SD card video playback online

---



## Setup Fixed Network IP Address in browser (optional)

1. Enter Network configuration->Basic Network Settings menu on the Web UI, change RJ45 port to fixed IP if needed. Uncheck 'Obtain IP from DHCP Server' to set static IP address.

System Settings

Device basic information

Alarm Service Settings

Network configuration

Basic Network Settings

Wireless Lan Settings

DDNS Service Settings

Onvif Stream Settings

Rtsp Stream Settings

PTZ configuration

User&device manage

Basic Network Settings	
Obtain IP from DHCP Server	<input type="checkbox"/>
IP Addr	192.168.1.117
Subnet Mask	255.255.255.0
Gateway	192.168.1.1
DNS Server1	8.8.8.8
DNS Server2	68.105.28.11
Http Port	81

Set up

Refresh

## Setup WiFi Password in browser (optional)

1. Enter Network configuration->Wireless LAN Settings menu on the Web UI, scan and select SSID, then input the WiFi password(Share Key).

System Settings

Device basic information

Alarm Service Settings

Network configuration

Basic Network Settings

Wireless Lan Settings

DDNS Service Settings

Onvif Stream Settings

Rtsp Stream Settings

PTZ configuration

User&device manage

Wireless Lan Settings

	ID	SSID	MAC	
Wireless Network List	<div>Scan</div>			
Using Wireless Lan	<input checked="" type="checkbox"/>			
SSID	WiFi Router			
Network Type	Infra ▼			
Authetication	WPA2-PSK Personal (AES) ▼			
Share Key	sharekey x			

Set up

Refresh

## Viewing Video in Blue Iris (optional)

1. Set the IP address, HTTP port number and select camera model “Avacom H50xx”

The screenshot shows the 'Network IP camera configuration' dialog box. The 'Address' section has 'IP or host name' set to '192.168.1.117', 'HTTP port' set to '81', and 'User' set to 'admin'. The 'Media/video/RTSP port' is '34567'. The 'Make/model' dropdown is set to 'Avacom H50xx'. The 'Attempt auto-configure on HTTP, RTSP and port' is set to '10554'. The 'Video' section has 'Path' empty, 'Params' set to 'Main', and 'Camera' set to '0'. The 'Audio' section has 'Path' empty and 'Format' set to '16-bit PCM'. The 'Network options' section has 'Receive buffer (MB)' set to '1.5', 'Use RTP/UDP ports' set to '7000', and checkboxes for 'Skip initial DNS and reachability tests' and 'Framerate limiting compatibility mode'. The 'Other options' section has checkboxes for 'JPEG decoder compatibility mode' and 'Trigger using camera's digital input or motion'. The 'OK' button is highlighted with a red circle.

Network IP camera configuration

Address

IP or host name: 192.168.1.117 HTTP port: 81 User: admin

☐ HTTPS (if possible) Media/video/RTSP port: 34567 Password:

Make/model: Avacom H50xx

Attempt auto-configure on HTTP, RTSP and port: 10554 Inspect now...

Video

Path:

Params: Main

Camera: 0

Network options

Receive buffer (MB): 1.5

☐ Use RTP/UDP ports: 7000

☐ Skip initial DNS and reachability tests

☐ Framerate limiting compatibility mode

Other options

☐ JPEG decoder compatibility mode

☐ Trigger using camera's digital input or motion

Click Cancel for USB or analog source

OK Cancel Help

# **Warranty Information**

## **2 year Limited Hardware Warranty**

AVACOM guarantees to the customer that this unit will conform to its published specifications and will be free from defects in material and workmanship at the time of delivery and for a period of two years thereafter. Without limiting the foregoing, this warranty does not cover any defect resulting from (a) any unit sold by an entity other than AVACOM, (b) any design or specification supplied by an entity other than AVACOM, (c) non-observance of technical operating parameters (e.g. exceeding limiting values) or (d) misuse, abuse, using in abnormal conditions or alterations of any kind.

Please call AVACOM support line to obtain a Return Material Authorization (RMA), customer needs to provide a copy of Amazon shipping slip and product serial number. Ship the unit with a valid RMA to below address for repair. Customer needs to bear one way shipping cost.

## **1 Month Replacement, Refund**

For buying from amazon.com or eBay.com, please reference to Amazon or eBay policies.

For buying from avacomtech.com, please reference to our website [www.avacomtech.com](http://www.avacomtech.com).

### **Contact Information:**

**AVACOMTECH INC.**

**135 Civic Center Dr, Ste 205, National City, CA 91950 USA**

**Tel: +1-619-336-0392, Fax: +1-619-336-0492**

**Email: [support@avacomtech.com](mailto:support@avacomtech.com)**

**Thank you for choosing AVACOM products**

**[www.avacomtech.com](http://www.avacomtech.com)**