

## How to Use WLAN AP Function to Connect Solar Camera

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# **Function Explanation**

1. Usage scenario:

This function is only used for **Debugging** purposes, not suitable for long-term use,

suitable for camera installation in inaccessible areas.



2. Coverage:

WLAN AP coverage within a radius of 100m.

3. Effective mode:

This function is effective in all Power Consumption Mode.

4. Default Password

Camera Serial Number

5. Enable Rules:

The camera defaults to Maintenance Mode. In this mode, after powering on, the WLAN AP will turn on for **5 minutes**. After disconnecting from the platform, it

will open for 10 minutes, and then turn on **every 30 minutes for 10 minutes**. When a device connected to WLAN AP, the WLAN AP will not turn off.

If necessary, you can change the mode to ON, and the camera will continue to activate the WLAN AP function when there is power.

HIK	VISION®	Live View	Playbac	ck Pict	ure	Config	juration	Smart Dis	play VCA
Ō	Local	SNMP FTP	Email	Platform Access	HTTPS	QoS	802.1x	WLAN AP	Integration Protocol
	System	WLAN AP		ON		~			
Ð	Network	SSID		ON Closed					
	Basic Settings	Security Mode		Maintenance Mo	de				
	Advanced Settings	Encryption Type		AES		~	Def	fault	
<u>Q.</u>	Video/Audio	Password		•••••					
1	Image			9 to 62 characters	allowed inclu	uding			
圁	Event			upper-case letters, letters, digits and si	lower-case	cters			
B	Storage			(!"#\$%&'()*+,/:;<= space). At least two	?@[\]^_`{ }- of above	~			
643)	Proactive Mode			mentioned types ar	e required.				
		Confirm		•••••					

# Preparation

- 1. An environment that can connect to an external network (For unlock camera PSH)
- 2. A laptop that can connect to WiFi
- 3. Software:

SecureCRT

SDK demo



ClientDem oEn.exe

# **Connection steps**

### 1. Connect Wi-Fi

When the camera WLAN AP can be found, connect to the AP.

The WLAN AP default password is the serial number of the camera.

(î.	Hik-L30220887 Secured		
	Enter the network L30220887	security key	୍
	Next	Cancel	
<u>Netw</u> Chang	vork & Internet set je settings, such as ma	ttings king a connection metered.	
<i>II</i> . Wi-Fi	序 Airplane mo	(۱٫۷) Mobile de hotspot	

### 2. Open SDK demo tool

1. Right click to add camera, the camera IP is 192.168.8.1

ClientDemo			×
/ersion Info build 20210621		Add Device	
HCNetSDK V6.1.7.30 PlayCtrl V7.3.9.56	Config	Local Node Exit	
Device Tree(Right Click 1		Device Address 192.168.8.1	PTZ
		Port 8000	
		Username admin Password	Down
		Login Mode Pirvate  HITTP(S)	- Zoom +
		SDKTLSVerifyMode	- Focus +
			+ Iris -
			PTZ Speed 1
		DDNS Address www.hiddns.com DDNs Port 80	Preset
Ļ		Device Senal Number E0120110526CCRR403594603	
		(IPserver use device name ,hiDDNS use alias)	1 Call Setup
			PTZ Pattern
		Get IP of Device on HCDDNS © Use HC Account C Use Developer Account	ID 1 - Start S
		Select Area	Tour Track stop
			PTZ Park action
		AppKey AppSecret Confirm	Enable manual Tra
		Name Serial Domain IP Address Port	Tvpe
		Nome Schar Domain 21 Rodress Porc	
L			Brightness
Г	- 1		Saturation
L	Play	Proxy server no use proxy  Add Cancel Activate	Huej
F	Time	Error Info	Cocal Log C Alarm 1
	23-05-31 14:21: 23-05-31 14:21:	54 FAIL please dick the right node! [-[] err[0:No er	Clean Sav

#### 2. Double click to select the camera



🛃 ClientDemo		- 🗆 🗙
Version Info build 20210621 HCNetSDK V6. 1.7.30 PlayCtrl V7.3.9.56	Config Preview Playback Management Others Product Related Exit	
Device Tree(Right Click t	NE 31 2023 Mod 11:32:06 0.00098 NEEXIST <sub>2</sub> :0 Conserv 01	PTZ Up Left Right Down Com Focus Focus Focus Focus FT2 Speed T Call Setu
		PTZ Sequence I V Call Setup De PTZ Patter D I V Start Stor Delete Delete all Tour Track stop PTZ Park action Fable manual Track Tvoe
	Stop         Record         Snapshot         Create I Frame         Window         4         v         Network         Balance         v	Contrast
	Time         State         Operation         Device Info         Fror Info         A           23-05-31 14:32:03         SUCC         NET_DVR_GetLinkAddr, dev addr[192.168.8.1:6000], loc         [192.168.8.1]-[192.168           23-05-31 14:32:03         SUCC         NET_DVR_Righter/trawFun         [192.168.8.1]-[192.168	Local Log C Alarm Inf     Clean Save

## 3. Enable SSH

🛃 ClientDemo			$\times$
Version Info build 20210621 HCNetSDK V6. 1. 7. 30	Config Preview Playback Management Others Product Related Exit		
PlayCtrl V7.3.9.56			
Device Tree(Right Click : <ul> <li></li></ul>	VCA Alarm Host DVR/NVR/DVS CVR Decode CFG IPC/IPD CFG ITC CFG ACS VIS DH		
	CCD IPC Special IPC Special Ex CameraSetUpCfg IPC File Export		
	PTZ Socpe SMD Device Server PTZ Ctrl CFG R01		
	Fisheye Stream Attach Info Device Server Module	×	
	Vehicle Recog DIS Cfg Dev services module Security services module		
	Correct table Eagle Calib Pic ItLamp Server Enable		
	Thermal Imaging C(g Soft Service telnet Server Disable Veb		
	storage server test security ofg file ex a ABF Disable 👻 Telent Disable 💌		
	File Upload Download FTP Log Uploat Led status enable 💌 RTSP Digest 💌		
	POS Info Overlap AutoDefog Enable  Login Lock Open		
	Alarm SupplementLight Enable  Stream Encryption NoEncrypt		
	Alarm In AlarmIn1 👻 Face Detectio MultDiscover 🔍 Anti Attyk Disable 🗸		
	Remove Ice Disable  Set Get		
	T EnableVisibleMove		
	Enable Thermal Mov		
	EnablePtzPower EnableCaptureWithSupplimentLight		
	PowerSavinoControl res		
	Time State Operation Set Get	Alarr	n In
	23-05-31 14:32:41 SUCC NET_DVR_GET_SECU	Sa	ave
	22.05.21.14(2)(22	onfin te	oct

## 3. Open SecureCRT tool

1. Connect the camera using SSH.

mot connected - SecureCRT -	
File Edit View Options Transfer Script Tools Window Help	
te: Rue au criter nost <ait+k> 142 III in 127 26 T VI III Session Manager - A. X</ait+k>	
Filter by session nam 🔎	
✓ Sessions Quick Connect X	
Protocol: SSH2	
<u>H</u> ostname: 192.108.8.1	
Port: <u>22</u> <u>Firewall:</u> None v	
Username: admin	
Authentication	
Properties     Properties	
Keyboard Interactive	
GSSAPI	
Show quick connect on startup Save session	
	~
Connect Cancel	
Party 0.0 Paur 0.Cat	
	CAP NOIVI
📻 192.168.8.1 - SecureCRT —	$\Box$ $\times$
File Edit View Options Transfer Script Tools Window Help	
🏣 🖏 🆏 Enter host <alt+r> 🛛 🖻 🦓 🦓 📍 🞯 🖓 📅</alt+r>	÷
Session Manager # × • 192.168.8.1 ×	4 Þ
- the Lop 2 (20) the second se	^
Sessions	
The host key sent by the server is different from the host key stored in the host key database for 192, 168, 8, 1 (192, 168, 8, 1), port 22,	
This may mean that a hostile party has "hijacked" your connection and you are not connected to the server you specified.	
It is recommended you verify your host key before accepting.	
Server's host key fingerprint	
SHA-2 hash: b2:cd:c4:d6:08:c2:28:d4:0d:f8:9e:61:5e:9a:6d:54:fa:fb:b2:fb:a0:17:6d:45:7b:f2:eb:73:0d:bf:92:aa	
SHA-1 hash: 05:1f:cc:d1:bf:3f:0e:fb:7b:f1:b3:33:62:65:52:77:98:37:6b:27	
MD5 hash: 61:6c:92:4f:0b:68:be:19:38:bb:ce:6d:a8:98:88:a3	
Accept Once Accept & Save Cancel	~
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	~

🔚 192.168.8.1 - SecureCRT	- 0	$\times$
File Edit View Options Transfer	Script Tools Window Help	
🗄 🕄 🏹 KI Enter host <alt+r></alt+r>	🔄 🔃 🏦   🎒   🚰 🌿 📍   🐵   🌆	_
Session Manager 7 × 🗸 🗸 192.168	8.1 x	4 Þ
		^
Filter by session nam Sessions 192.168.8.1	Enter Secure Shell Password X	
	admin@192.168.8.1 requires a password. Please OK enter a password now. Cancel	
	Username: admin	
	Password: •••••••	1
	∑Save password Skip	
		~
		~
		~
Ready	1, 1 24 Rows, 80 Cols VT100 CAF	NUM

#### 2. Input debug



3. Copy the debug code generated by the device to the OA-PSH unlock page to obtain

the password.

(OA: <u>http://psh.hikvision.com.cn:8080/sso/home/page</u> -----PSH unlock)

🔚 192.168.8.1 - SecureCRT		_		×
<u>File</u> <u>E</u> dit <u>V</u> iew <u>O</u> ptions <u>T</u> ransfer <u>S</u> cript Too <u>l</u> s <u>W</u> indow <u>H</u> elp				
🏗 🔀 🆏 👗 Enter host <alt+r></alt+r>				
Session Manager 7 × 192.168.8.1 ×				4 Þ
Filter by session nam Sessions 192.168.8.1		diyszm	KYTAT -	^
<pre>VfoJAGXm/KhlfmweGYOQ7zZaq7krFsx7xIDIS2TavvJ44YoJwJ4aLbPCg, Ra9OZsk45wbFJVJ/+YxjV4qmGiHjI7Cu7qQx1DPQrtYuPqjw1Jsp2tTSB OQH5srujpo+jyhlk6pd84ADjKvJ1OKw3ZfD4ac0G4VerdSTmSZfw3qgUKA VRcbPaEUezrd4sokFLHAZ5+m1+c= Password:</pre>	/w1SnMmDL uOkwvgAOq A1hHZmnJP	NZ2tR7 OhLw0R T8tDU4	v5q2C: uP8HKF ykM1FV	JjA ≷CT VPj ∀
				_
				2
Ready ssh2: AES-256-CTR 24, 11 24 Rows, 80 Cols	VT100		CAP	JUM

4. Enter debug mode



#### 5. Input *iptables* –*F*

This command can unlock the camera web page



6. Open the browser and enter 192.168.8.1 to access the camera web page



