

QUICK GUIDE – Hikvision / HiLook NVR with CCTV Global IP cameras

This quick guide describes the basic steps required to connect the CCTV Global IP cameras to the Hikvision or HiLook NVR and start up the system.

NOTE THE CAMERAS SUPPORT PLUG & PLAY ON THE FOLLOWING NVRS:

DS-7604NI-K1 Firmware V3.4.104 or earlier DS-7608/16NI-K2 Firmware V3.4.112 or earlier DS-7608/16NI-I2 Firmware V4.40.016 or earlier NVR-104/8MH-C Firmware V3.4.103 or earlier

Simply plug the Camera in to the NVR POE port and after approx. 1 minute the camera will connect. If your NVR use V4.30.xx or later firmware please follow the steps further below:

This guide may contain information that is not technically accurate and may be updated without notice, please refer to the Hikvision and camera Manuals for full details

1.0 Complete your installation

- 1. Connect the camera to the NVR POE port with a CAT5e or CAT6 network cable
- 2. Connect the NVR LAN port to your router or network switch with a CAT5e or CAT6 network cable
- 3. Connect a local Monitor or TV to the NVR recorder using a HDMI cable or VGA cable
- 4. Connect the mouse to the NVR
- 5. Connect the power supply to the NVR and turn on (there is no switch on HiLook models)

Activate the recorder:

- Enter a secure NVR password
- Confirm the NVR password
- Enter a secure password for IP Camera activation (this only saves to Hikvision or HiLook Cameras)

We recommend you use the same password for IP Camera Activation. Note this does not affect the CCTV Global cameras which use their default admin password.

	Activ	vation	
User Name	admin		
Create New Passw			
Confirm New Pass			
IP Camera Activatio			
Valid password rar lowercase, upperc least two kinds of t	ıge [8-16]. You ase and specia hem contained.	can use a combina l character for your	tion of numbers, password with at
0		ок	Cancel

6. Confirm the language

Draw an unlock pattern (connect at least 4 dots) then repeat to confirm:

Set Unlock Pattern	Set Unlock Pattern				
Release you finger when done.	Draw pattern again to confirm.				
$\bigcirc \bigcirc \bigcirc$	$\bigcirc \bigcirc \bigcirc$				
\oslash \bigcirc \bigcirc	\odot \bigcirc \bigcirc				
$\bigcirc \bigcirc \bigcirc \bigcirc$	$\bigcirc \bigcirc \bigcirc$				

EXPORT GUID File:



The GUID file can be used to recover the NVR password, save it to USB otherwise click NO to continue.

7. Set the Time Zone, Format, Date and Time

	Wizard	
Time Zone	(GMT+08:00) Beijing, Urumqi, Singapore	~
Date Format	MM-DD-YYYY	~
System Date	05-08-2013	**
System Time	15:22:59	٩
	Previous Next	Exit

8. Tick to enable DHCP & also DNS DHCP

	Wizard	
NIC Type	10M/100M/1000M Self-adaptive	
Enable DHCP		
IPv4 Address	10 .16 .1 .26	
IPv4 Subnet Mask	255.255.255.0	
IPv4 Default Gateway	10 .16 .1 .254	
Enable DNS DHCP		
Preferred DNS Serv	10.1.7.88	
Alternate DNS Server	10.1.7.77	
	Previous Next Exit	

- 9. Enable Hik-Connect or Guarding Vision service (Platform Access)
 - a. Click the check box to accept the terms of service

b. Create a verification code (6-12 letters or numbers case sensitive) The QR code generated can be used by the Hik-connect mobile App to scan and add the NVR to the Mobile App – We suggest you complete this step later. Click **Next**

	Wizard		
Enable			
Access Type	Hik-Connect		
Server Address	dev.hik-connect.com	Custom	
Enable Stream Encr			
Verification Code			
Status	Offline(0x1003)		
	Previous	Next	Exit

10. Change the port numbers if required, normally default is OK, click Next

	Wizard		
Server Port	8000		
HTTP Port	80		
RTSP Port	554		
Enable UPnP			
Enable DDNS			
DDNS Type	DynDNS		
Server Address			
Device Domain Name			
Status	DDNS is disabled.		
User Name			
Password			
	Previous	Next	Exit

11. Initialise the Hard Drive by ticking the box and click **INIT**

		N	/izard		
	Capacity	Status	Property	Туре	Free Space
⊠ 2	465.76GB	Uninitialized	R/W	Local	OMB
⊿7	931.51GB	Uninitialized	R/W	Local	OMB
⊿ 10	931.51GB	Uninitialized	R/W	Local	0MB
					Init
		Pr	evious	Next	Exit

12. IP Camera adding: For cameras connected on the NVR POE port ignore this page and click **Next**. For cameras on an external POE switch you can find them here and click Add.

		Wiza	rd		
No.	IP Address	Security	Amount of	. Device M	Protocol 🔨
1	10.6.38.6	 Active 	1	DS-2DF5	HIKVISI
■2	10.6.38.13	Active	1	DS-2CD4	HIKVISI(🗆
■3	10.6.38.88	Active	1	DS-2DF5	HIKVISI
■ 6	10.6.38.204	Active	1	DS-2CD5	HIKVISI 💙
<					>
		One-tou	ch A	Add	Search
		Enable Enable	e H.265 (Foi	r Initial Acco	ess)
		Previo	bus	Next	Exit

13. Set the camera recording type by click the **Continuous** setting or **Motion Detection** setting then click **OK**

		Wizard		
Continuous	*			
Motion Detection				
		Previous	ок	Exit

The Basic settings of the recorder have now been set.

Make sure the Cameras are connected to the POE ports. Go to the Main Menu / **Camera**, click on **Edit** for camera no 1

		Ca	mera Mana	gement			-				
IP Camera	IP Can	nera Impo	ort/Export	PoE Settin	as				_	_	
Show	Passwo	Resou	rce Mana								
Cam	Add/De	Status	Security	IP Cam	era A	Edit	Up	Camera	Name	Protocol	
D1	-		N/A	192.16	B.254.		-	IPCamer	a 01	HIKVISK	
D2		<u> </u>	N/A	192.16	8.254.3	1	-	IPCamer	a 02	HIKVISK	
D3		<u> </u>	N/A	192.16	8.254.4			IPCamer	a 03	HIKVISK	Γ
D4) _	<u> </u>	N/A	192.16	3.254.5			IPCamer	a 04	HIKVISK	
		1 1		ĸ	1						1
Bef	resh O	ne-touch	A Upg	rade	Delete		Dne-to	uch A C	Custor	n Addi	
Enable	H.265 (For	Initial Ac	cess)								
Net Rec	eive idle Ba	ndwidth:	40Mbps						Bi	ack	

Change the adding method from Plug & play to **Manual** Change the Protocol to **ONVIF** Enter the Camera default password **admin** Click **OK**

	Edit IP Camera	
IP Camera No.	D1	ora Na
Adding Method	Manual	
IP Camera Address	192.168.254.2	amera (
Protocol	ONVIF	~ mera (
Management Port	80	amera (
Channel Port	1	-
Transfer Protocol	Auto	~
User Name	admin	
Password	*****	
	1 2 3 4 5 6 7 8 9 0	
	qwertyuiop	
	asdfghjkl Fzxcvbnmex Cancel	

You should see the status symbol change to a blue play icon

IP Camera IF	Camera Impo	ort/Export	PoE Settings				
Show Passy	wo Resou	rce Mana					
Cam Add	/De Status	Security	IP Camera /	A Edit	Up	Camera Nar	ne Protoso
LD1 -		Risk Pass	s 192.168.25	1.2 📝	-	IPCamera 0	1 ONVIE
D2 -		N/A	192.168.25	4.3 📝		IPCamera 0;	
- D3 -	<u> </u>	N/A	192.168.25	1.4 👿		IPCamera 0	B HIKVISI
	<u> </u>	N/A	192.168.254	.5 📝	3 - -0	IPCamera 04	
<							
Refresh	One-touch (Upgr				10	>
Enable H 265	(East initial Ass		ade Dell	010	One-to	uch A Cust	om Addl
	(For minial Acc						
Net Receive Idle	e Bandwidth: 3	5Mbps				1	Back

Click **Edit** for Camera No2 and repeat this step for the cameras. Note that the camera IP address will update for each camera, there is no need to change this and will usually start as 192.168.254.2 for camera No 1 and 192.168.254.3 for camera No 2 etc.

Make sure after the cameras are connected you check the record parameters for the cameras and set them correctly.

For Hikvision NVRs with our 5MP IP camera the Optimum settings are below

Record		
Record Sub-Stream		
Camera	[D1] IPCamera 01	
Encoding Parameters	Main Stream(Continuous)	Main Stream(Event)
Stream Type	Video & Audio	Video & Audio 🗸 🗸
Resolution	2560*1440	2560*1440 ~
Bitrate Type	Variable	- Variable ~
Video Quality	Medium	Medium ~
Frame Rate	25fps	25fps ~
Max. Bitrate Mode	General	General ~
Max. Bitrate(Kbps)	8192 -	· 8192 ~
Max. Bitrate Range Reco	6000~10000(Kbps)	6000~10000(Kbps)
Video Encoding	H.264	• H.264 ~
Enable H.264+		
More Setting	,	
	k	Apply Back

Double check your recording playback is working correctly.

We recommend you Reboot the NVR to ensure the settings have saved correctly (you can disable the wizard at next start up as it is now complete)

Please refer to the separate Hik-Connect Guide for connecting your phone.

Please refer to the Hikvision NVR Manual and Camera Manual for dull details of the settings.

Other key points to consider setting are:

- DST (daylight saving time)
- Camera OSD menu such as Camera name and Date Format
- Motion Detection
- Recording parameters
- Image settings