How to Use Hikvision EasyDDNS Server

1. Make sure the products support Hikvision EasyDDNS Server. At the moment when this manual is written, only Hikvision new series IP cameras with firmware version 3.2 and above could support this system.

		DS-2CD854F-E	Help English 🗸
Live View Play	back Log	Configuration	admin Logout
Configuration	Device Information		
Local Configuration Local Configuration Pervice Hormation Time Settings Camera Settings Serial Port Settings Serial Port Settings Loception User Management HDD Management Default Reboot Remote Upgrade Parameters Im/Export	Device Name: Device No.: Model: Serial No.: Firmware Version: Encode Version: Number of Channels: Number of HDDs: Number of Alarm Input: Number of Alarm Output: Save	IP CAMERA DS-2CD854F-E DS-2CD854F-E0120110730CCRR404304494 V3.2 120105 V4.0 build 111216 1 0 1 1 1 1	

The supported-model list is as below:

	IPC Type C:					
	BoxType	DomeType	Mini Dome & Cube Camera	Bullet Camera		
	DS-2CD833F-E	DS-2CD733F-E	DS-2CD7133-E	DS-2CD8233F-E		
VGA models		DS-2CD733F-EI	DS-2CD8133F-E	DS-2CD8233F-ES		
ACIE DAL	DS-2CD893PF-E	DS-2CD793PF-E		DS-2CD8233F-EI		
4CIF PAL		DS-2CD793PF-EI		DS-2CD8233F-EIS		
models	DS-2CD893PFWD-E	DS-2CD793PFWD-E				
		DS-2CD793PFWD-EI				
	DS-2CD893NF-E	DS-2CD793NF-E				
4CIF NTSC		DS-2CD793NF-EI				
models	DS-2CD893NFWD-E	DS-2CD793NFWD-E				
		DS-2CD793NFWD-EI				
	DS-2CD863PF-E	DS-2CD763PF-E				
960P not real		DS-2CD763PF-EI				
time	DS-2CD863NF-E	DS-2CD763NF-E				
		DS-2CD763NF-EI				
	DS-2CD864FWD-E	DS-2CD764FWD-E	DS-2CD7164-E	DS-2CD8264FWD-E		
960P real		DS-2CD764FWD-EI		DS-2CD8264FWD-ES		
time		DS-2CD7264FWD-E		DS-2CD8264FWD-EI		
		DS-2CD7264FWD-EI		DS-2CD8264FWD-EIS		
UVCA not cont	DS-2CD853F-E	DS-2CD753F-E	DS-2CD7153-E	DS-2CD8253F-E		
UXGA not real		DS-2CD753F-EI	DS-2CD8153F-E	DS-2CD8253F-ES		
time				DS-2CD8253F-EIS		
	DS-2CD854F-E	DS-2CD754F-E		DS-2CD8254F-E		
3M not real		DS-2CD754F-EI		DS-2CD8254F-EI		
time		DS-2CD754FWD-E		DS-2CD8254F-ES		
		DS-2CD754FWD-EI		DS-2CD8254F-EIS		
5M not real time	DS-2CD883F-E	DS-2CD783F-E				

The firmware of these models to support EasyDDNS is available on our FTP.

- Address: ftp://ftp.hikvision.com
- User name: EasyDDNS
- Password: 12345678
- 2. Download the latest DVR/DVS/IP Camera Windows SDK(V4.1.0.5) from our website. http://www.hikvision.com/en/download.asp

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НОМЕ	PRODUCTS	SUCCESS STORI	ES SUP	PORT PAF	RTNER ABC	OUT HIKVISION	search
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3.	Run HCNetSDK(win32_	_EN_v4.1.0.5_	_build111226) > lib	> ClientDemoEn.exe
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💑 ClientDemo			
Version Info 20111226 HCNetSDK V4.1.0.5 FlayCtrl V6.2.2.6	Config Preview Playback Manag	rement Others VCA Exit	2012-01-06 15:51:17
Device Tree(Right C			PTZ Up Left Right Down - Zoom + - Zoom + - Focus + + Iris - PTZ Speed 1 PTZ Sequence 1 Call Setup PTZ Sequence 1 Call Setup Brightnes Start Stop Tour Brightnes Saturati Hue Volume Default
<	Time S Operation 12-01-06 15:50:15 FAIL sdk v4010005 12-01-06 15:50:15 SUCC FileVersion4, 1, 0, 5 20111226 12-01-06 15:50:15 SUCC PileVersion4, 1, 0, 5 20111226	Device Info Error Info err[0.Wo err[0.No et1 err[0.No	Log config test
	,		A

4. Add the device by its local IP.

🛃 ClientDemo		
Version Info 20111226 HCNetSDK V4.1.0.5 FlayCtrl V6.2.2.6	Config Preview Playback Management Others VCA Exit	2012-01-06 15:51:46
Sevice Tree (Right C)	Add Device Local Node 854	FTZ Up Left Down - Zoom + - Focus + Iris - Preset I Call Setup PTZ Sequence I I Call Setup Record Cruise Start Stop Tour Brightnes Contrast Hue Volume Default
	Time S Operation Device Info Error Info 12-01-06 15:50:15 FAIL sdk v4010005 err[0:No 12-01-06 15:50:15 SUCC FileVersion4, 1, 0, 5 20111226 err[0:No 12-01-06 15:50:15 SUCC please select a device at first! err[0:No	Log LORIIg Test
		A

5. Configure the addresses of IP, net mask, gateway, DNS Server. If a router is used to get the public IP, you also need to do NAT configuration or called port forwarding on the router. Make sure the camera is accessible from Internet after the settings.

Version Info 2012-01-19 2012-01-19 2012-01-19 PlayCurl V6.2.2.6 Config Preview PlayCurl V6.2.2.6 Device Tree (Bight Click to Add Device) and Setup Serial Port Setup Mars Setup User Setup Exception Setup Transaction Setup M 4 * Perice Tree (Bight Click to Add Device) and Setup Serial Port Setup Musher of HDD Device Model MEGA_IFCAM Number of Clameal I Number of HDD Number of HDD Number of Alarm 1 Number of Alarm 1 Number of Alarm 1 Number of Alarm 1 Loop Record Enable IR Control ID Be Support Setup Device Version MainSream Pret [TDP / w SubStream Pret [TDP /
Device Tree (Right Click to Add Device) mel Setup Serial Port Setup Alars Setup User Setup Exception Setup Transaction Setup M < I > Basic Config Info Device Model MEGA_IFCAM Bewice Name IFC Device Model MEGA_IFCAM Number of Channels Number of Alarn I Number of Alarn I Loop Record Enable IR Control ID 88 Device SN D52-2CD854F-ED1201107300CRR404304494 Enable Freview Main Disably Spot Disably Local Setup Esta IFC plug and play Substream Prot Miss Preview Main Disably Support Local Setup Bevice Version W3.2 build 120105 Harware Version Dx0 Private Bomain D.0.0.0 Network Konfig Info Private Iomain 0.0.0.0 O O Network Konfig Info Private Bomain O.0.0.0 O O Network Address I72.6.19.15 Subnet Mask 255.255.0 O O O O Subnet Mask 255.255.255.0 If Address of D.0.0.0 Private Bomain D.0.0 Port of Alarn ND ND Multicast DDS Hysical Address 00.00.40:48:58:ed:3e ISO D.0.0 Port
IDS-2L0534F-B0120107:SOUCRAW04304494 Enable Preview Main Disabl > pot Disabl > po
Berice Version V3.2 build 120105 Harware Version 0.00 DSP Software V4.0 build 111216 Front Panel V0 Network Config Info V0 V0 V0 Network Adapter 100/100M/1000M AUTO Private Bomain 0.0.0 O Get IP Address 172.6.19.15 Subnet Maak S101 HTP Port S102 Subnet Maak 255.255.255.255 Gateway Address 172.6.19.1 IP Address of 0.0.0.0 HD Management Preferred DNS 192.0.0.200 Port of Alarm O NU Size HD Management Physical Address 00:40:48:58:ed:3e MTU Size 1500 V0 V0
Network Config Info Network Adapter 100/100M/1000M AUTO Option IP Address 102.6.19.15 Submet Mark 255.255.255.0 Gateway Address 172.6.19.1 Freferred DNS 192.0.0.200 Physical Address 00:00:40:48:58:ed:3e
IP Address 172.6.19.15 Subnet Mask 255.255.0 Gateway Address 172.6.19.1 Preferred DNS 192.0.0.200 Alternate DNS 192.0.0.200 Physical Address 00:40:48:58:ed:3e
Gateway Address 172.6.19.1 IP Address of 0.0.00 Preferred DNS 192.0.0.200 Port of Alarm 0 Alternate DNS MTU Size 1500
Alternate JNS MTU Size 1500 Physical Address 00:40:58:ed:3e
Advanced Network NFS Time Zone RTSP AudioTalk Code WIFI Fulti Adapte CCD Jonfirs Netcard Flow Text Donding Netcard UFNF/FOE AES Exit
Reboot Refresh Save Parameter
Ine S Uperation Device Into Error Into 12-01-19 17:02:36 SUCC MET DVR_GET METCFG V30 [172:6.19.15]-[854] err(D:No 12-01-19 17:02:38 SUCC MET DVR_GET METCFG V40 [172:6.19.15]-[854] err(D:No 12-01-19 17:02:38 SUCC MET DVR_GET DEVICECFG V40 [172:6.19.15]-[854] err(D:No 12-01-19 17:02:35 FAIL NET_DVR_GET DEVICECFG V40 [172:6.19.15]-[854] err(D:No

🕹 ClientDemo			
Vunite Tafe			
20111226			
NCH. ACTIV VA 1 0 E			2012-01-19
ncheconk V4.1.0.5	Config Freview Flayback Man	agement Others VLA Exit	16:24:50
PlayUtrl V6.2.2.6			
🗔 🧟 Denier Trees (Right 🗖	Device Setup 1	un frança de le constructo de la frança de la frecesa d	
Bevice free dright P.	Bevice Setup Lnammel Setup Serial Fort Setup Alarm S	etup üser Setup Exception Setup Iransaction Setup m <u>····</u>	
Cameral	Desire Config Info	Device Model MRGA TPCAM	
Ŭ	Nucleur of Changeland	bertee model m204_trown	Remote Setup
	Number of Channels 1	Number of HDD 0	
	Number of Alarm 1	Number of Alarm 1	
	Loop Record Enable	IR Control ID 88	
	Device SN DS-2CD854F-E0120110730CCRR404304494	Enable Preview Main Disabl - Spot Disabl -	
	ZeroChan Sum 0 MainSream Prot RTSP	▼ SubStream Prot RTSP ▼ Support ▼	Levil Colum
	ESata - IPC plug and play	- Storage Disk Group	Local Setup
	Device Version		
	Firmware Version V3.2 build 120105	Harware Version 0x0	
	DSP Software V4.0 build 111216	Front Panal VO	
	Network Config Info		Device Management
	Network Adapter 10M/1000M/1000M AUTO -	Private Domain 0.0.0.0	
	Get IP Automaticall	Communications 8101	
	IP Address 172.6.19.15	HTTP Part 8102	
	Subnet Mask 255, 255, 255, 0		
	Gataway Address 170 6 10 1	Multicast 0.0.0	
	040eway Address 112.6.19.1	IP Address of 0.0.0.0	HDD Management
	Preferred DNS 192.0.0.200	Port of Alarm 0	
	Alternate DNS	MTH Size	
	Physical Address 00:40:48:58:ed:3e		
	Advanced Network NFS Time Zone RTSP	AudioTalk Code WIFI Multi Adapte: CCD Confirm	
	Netword Flow Test Ponding Netcard HPNP/POR	AES	Exit
	Reboot	Refresh Save Parameter	
	12-01-10 15:57:06 SHCC NET DVR GET NETCES V20	Ilevice into Error into	
	12-01-19 15:57:06 SUCC NET_DVR_GET_DEVICECFG V40	[172.6.19.15]=[054 err[0:No	
	12-01-19 15:57:06 FAIL NET_DVR_GET_IPPARACFG_V40	[172.6.19.15]-[854 err[23:D 💌	LOG LORIIG TEST

6. Enter Config>Device Setup>Advanced Network.

- 7. Configure the DDNS settings
 - Enable DDNS
 - select "Private" as the Server
 - type in www.hik-online.com or 123.157.208.8 at Domain name textbox
 - type in 6555 as the Port.
 - click the "confirm" button
 - click the "save parameter" button

You will see a "save successfully" dialogue if everything is OK. If save configuration fail, it means the camera can not communicate with the EasyDDNS. Please check the network settings of the device, and the NAT configuration on the router if there is any.

💑 ClientDemo		
Version Info 20111226 HCNetSDK V4.1.0.5 PlayCtrl V6.2.2.6	Config Preview Playback Management Others VCA Exit Advanced Network Config	2012-01-19 16:25:57
☐— ∰ Device Tree(Right C' : ☐— ∰ 854 — ← ∰ Cameral	PPPoE Setup PPPoE Vsername PPPoE Vsername PPPoE Address Confirm NTP Setup NTP Time Correc NTP Domain Name or IP NTP Time Correc NTP Domain Name or IP NTP Time Correc NTP Domain Name or IP	Remote Setup
	Setup 0 Minute Time Difference with 0 Hour 0 Minute Confirm DDNS Setup Finable Domain Name Analysis Server Private Domain Name www.hik-online.com Username Password Device EMAIL Setup Username Password Confirm Sender Email Address	Local Setup Device Management
	Smtp Server	HDD Management Exit
	other SMMP Config Save Parameter Exit 2=01-19 15:57:06 FAIL NET_DVR_GET_IPPARACFG_V40 [172.6.19.15]-[854 err[23:D	Log Lonrig test

8. Copy the serial No. of the product.

🔏 ClientDemo	
Version Info 20111226 HCDetSID V4.1.0.5 FlayDtrl V6.2.2.6 Config Preview Flayback Management Others VCA F	2012-01-19 16:27:30
O Device Tree(Right C. Device Setup Channel Setup Serial Port Setup Alarm Setup User Setup Exception Setup Transaction Setup Setup Second I Setup Setup Second I Setup Se	ıp M ▲ ▶
Device SN DS-2CD854F-E0120110730CCRR404304494 Enable Preview Main Disabl Spot Disabl 2eroChan Sun 0 MainSream Protect SubStream Protect SubStream Protect SubStream Protect SubStream Protect Storage Disk Group Storage Disk Group Storage Disk Group Storage Version Firmware Version V3.2 build 120105 Harware Version 0x0 DSP Software V4.0 build 111216 Front Panel V0	Local Setup
Network Config Info Private Bomain 0.0.0.0 Get IP Automaticall Communications 8101 IP Address 172.6.19.15 HTTP Fort 8102 Submet Mask 255.255.05 Multicast 0.0.0.0 Gateway Address 172.6.19.1 To 0.0.0	Device Management
Preferred DNS 192.0.0.200 IF Address of 0.0.0.0 Alternate DNS Port of Alarm 0 Physical Address 00:40:48:58:ed:3e ISO0	HDD Management
Netcard Flow Test Bonding Netcard UPNP/FOE AES Reboot Refresh Save Par Time S Operation Device Info Error 12-01-19 15:57:06 SUCC NET_DVR_GET_NETCFG_V30 [172.6.19.15]-[654 err[0: 12-01-19 15:57:06 SUCC NET_DVR_GET_DEVICE/FG_V40 [172.6.19.15]-[654 err[0: 12-01-19 15:57:06 SUCC NET_DVR_GET_DEVICE/FG_V40 [172.6.19.15]-[654 err[0:	Exit

9. Access the <u>www.hik-online.com</u>. Click Register a new user.



10. Create a new user.

	User Name: Darren.Shiva Password: ••••• Confirm Password: ••••• Real Name: Wangsizhe Email: wangsz@hikvision.com Remark: I	× MIKVISION Inagement System v1.0
Us Pa	er Name:	Login Reset

11. Login as the new user.



12. Enter "Device Management". Click the "Add" button.

💋 DDHS Management Sy	sten					👌 • 📾 · 🖻	🖶 • 页面 🕑 • 安全 🕼 • 工具 🕘 • 😧 •
DD	NS Managem	ent System	V 1.0	HIKVISION HIKVISION		Current Us	er : Darren Shiva <u>Modify password</u> <u>Logout</u>
Menu	Device Management	🗟 Add 🕞 Modify	× Delete				Please input the searching condition Q ×
Device Status	Serial No.		Device Alias		Device Seria	I No.	Login User Name
i⇔Device Managemer I⇔Log	11 A Page 1 of 1	[> N [@					No data to display

13. Input a device alias, device serial No. and the http port.

/lenu	Device Management	Add	Modify	X Delete		Please in	put the searching condition $ \mathbf{Q} $:
Device Status Device Management Log	Seri		Device Alias		Device Serial No.	Http Port	Login User Name
] 4 4 Page 1 of 1	≥ N [&					No data to disp
				Add Device	×		
				Device Alias:	Darren954		
				Device Serial No.:	DS-2CD854F-E0120110730CCRR		
				Http Port:	8102		
					OK Cancel		

14. Enter "Device Status", access the device by its link URL.

Current User : Darren_shiva <u>Modify password</u> Logout													
Menu	Device Stat	tus 🔒 🛃	ort										
→Device Status	Serial No.	Devic	e Name	Device Link URL	Device Serial	Dynamic IP	Port No.	Create Time					
Device Management	1	Darren854		http://www.hik-online.com/Darren854	DS-2CD854F-E0120110730C	115.236.50.3	8102	2012-01-19T16:32:33					
Log] 김 석 Page 1 of 1 환 원 🖑							Displaying 1 - 1 of 1					

Or, you could access the device directly from an IE web browser by the URL: http://www.hik-online.com/AliasGivenByYou.