

How To Make CP Plus DVR Online

The Main advantage of today's CCTV Security devices is remote access, means we may take the live preview of our CCTV camera on Mobile/PC over the internet anywhere.

So we should know the proper configuration of DVR that "How to make DVR Online"

In CP Plus DVR we have two ways to make our Device Online-

- Online through **DDNS or Static IP** (*Dynamic Domain Name System*). In CP Plus devices this feature is completely free and available in all models. (CP Plus free DDNS)
- Online through **InstaOn** (Cloud ID or Serial No.). In CP Plus Devices this feature also free to use and available according to the models.
- 1. How to Make DVR Online Through DDNS.
 - **1.1.** Connect the device with your local network (Router/modem/Switch) through LAN Cable. And also arrange a computer system or Laptop in the same network.
 - 1.2. Configure a same series IP to your device. (*According to your Local network Series*)
 1.2.1. Go for DVR Direct display Interface (DVR GUI), and login with administrator
 - account (by default "admin" account).



1.2.2. After successfully login to DVR interface. Please right click on the mouse, and go for "Main Menu" Option.





1.2.3. In Main Menu home page, please go for "Network" option in setting Tab

	Wed 27June	16:13			admin ~
		MAIN	MENU		
SETTINGS	Camera	G Event	Network	Storage	System
INFORMATION	info	Online User	، ٌ لَرْ رَبْ Log	Version	BPS
	PlayBack	Backup	O isplay	Account	C Upgrade
👸 Setup network par	rameters: IP addre:	ss, subnet mask etc.			

1.2.4. In **TCP/IP** Setting of Network option, please assign the proper IP Address, Subnet Mask and Default Gateway according to local network series.



CP PLUS Indigo	Wed 27June 16:2.	22 admin ~
TCP/IP		Main Menu / Settings / Network
TCP/IP TCP/IP DDNS InstaOn Cloud Advance Settings	Net Card IP Address Subnet Mask Gateway Primary DNS Secondary DNS TCP Port HTTP Port LAN Download Transfer Mode	Wired NIC DHCP Enable 172 16 1 249 255 252 0 172 16 0 1 10 10 199 1 8 8 8 8 25001 Quality Preferred
	RTSP Port	S54

1.3. After successfully IP assign to DVR, please try to ping the DVR from PC system/laptop.

1.4. Now take the web access of Router/Modem page through IP. See fig. 1





- 1.5. Go for Advance option for port forwarding. (These processes are depending according to the **Router/Modem** model and interface.)
- 1.6. In Advance Tab go for Virtual Server/Port Forwarding.

Product Page: wBR-2310	į.					ŀ	lardware Version: A	1 Firmware Version: 1.04
D-Lini	k							\prec
WBR-1310		SETUP	ADVANCED		TOOLS		STATUS	SUPPORT
VIRTUAL SERVER PORT FORWARDING APPLICATION RULES NETWORK FILTER WEBSITE FILTER	POF The and Sav	RT FORWARDI	NG RULES : otion is used to open a sing gh those ports to a single f Save Settings	ile port o PC on yo	or a range of our network.	f ports throu	ıgh your firewall	Helpful Hints Application Names: Check the Application Name drop down menu for a list of pre-defined applications that you can select from. If you select one of the pre-defined amplicities a didd the
FIREWALL SETTINGS	20-	PORT FORWA	RDING RULES			1		arrow button next to the
ADVANCED WIRELESS					Port	Traffic Type	Schedule	drop down menu to fill out the apropriate fields.
ADVANCED NETWORK	S	Name DVR_HTTP IP Address 172.16.1.249 Name DVR_TCP IP Address 172.16.1.249	<	• • •	Start 80 End 80 Start 25001 End 25001	Any T	Always V Always V	Computer Names: You can select your computer from the list of DHCP clents in the Computer Name drop down menu, or enter the 1P address manually of the computer you would like to open the specified port to. Schedules: In order to apply a
		Name IP Address 0.0.0.0	Application Name	•	Start 0 End 0	Any T	Always 🔻	schedule to a Port Forwarding Rule, you must first define a schedule on the Tools>Schedules page.

Fig. 2

- 1.7. In Virtual Server, have to forward (*HTTP & TCP*) port for DVR IP. See Fig 2.
 - 1.7.1. First check the Enable option, then type any caption in Name.
 - 1.7.2. In **Start ~ End** Column put the particular port No. according to Device.
 - 1.7.3. In IP Address please put the DVR IP.
 - 1.7.4. In **Start ~ End** column put the same Port No. of Port~ Start.
 - 1.7.5. Then click on Save setting
- 1.8. Or we can also use DMZ option for port forwarding. DMZ automatically Forward all port for particular IP, which we assign in DMZ option.
 - 1.8.1. For DMZ Option please click on **ADVANCED**→ **FIREWALL SETTINGS**



Product Page: DIR-85	5			Hardware Version: A2	Firmware Version: 1.12
D-Lin	< C				
DIR-855	<u>SETUP</u>	ADVANCED	TOOLS	STATUS	SUPPORT
VIRTUAL SERVER	FIREWALL SETTIN	GS	- 		Helpful Hints
PORT FORWARDING	The Firewall Settings a	llow you to set a single cor	nputer on your network ou	itside of the router.	Enable the DMZ option
APPLICATION RULES	Save Settings Don't	Save Settings			are having trouble using an application from a
QOS ENGINE		2000			computer behind the
NETWORK FILTER	FIREWALL SETTIN	GS			ports associated with the application in the Virtual
ACCESS CONTROL	En	able SPI : 🖂			Server or Port Forwarding sections.
WEBSITE FILTER					More>
INBOUND FILTER	NAT ENDPOINT FI	LTERING			
FIREWALL SETTINGS		O Endpoint I	ndependent		
ROUTING	UDP Endpoint	Filtering: Address Re	estricted		
ADVANCED WIRELESS		O Port And A	ddress Restricted		
WISH		0	92 75 89		
WI-FI PROTECTED SETUP	TCP Endpoint	Endpoint I	ndependent estricted		
ADVANCED NETWORK		Port And A	ddress Restricted		
GUEST ZONE					
	ANTI-SPOOF CHEC	KING			
	Enable anti-spoof	checking: \Box			
	DMZ HOST				
	The DMZ (Demilitarized router. If you have a co router, then you can pla	Zone) option lets you set a mputer that cannot run Int ice the computer into the D	a single computer on your ernet applications success MZ for unrestricted Intern	network outside of the fully from behind the et access.	
	Note: Putting a comput of this option is only rec	er in the DMZ may expose commended as a last resort	that computer to a variety	of security risks. Use	
	Ena	able DMZ: 🗹			
	DMZ IP	Address : 172.16.1.249	× < Computer N	ame 🗸	
	APPLICATION LEV	EL GATEWAY (ALG) (CONFIGURATION		
		РРТР : 🗹			
	IPSe	ec (VPN) : 🗹			



- 1.8.2. Check the Enable option to activate DMZ option
- 1.8.3. Put the IP of DVR in DMZ IP Address. See fig. 3
- 1.9. Now check the ports, whether it's open or close.
 - 1.9.1. Browse <u>http://ping.eu/port-chk</u> on internet browser, and check the port which you forwarded in virtual Server or DMZ. See in fig. 4



ping , eu ^{Online Ping, Traceroute, DNS lookup, calculator, Network mask calculator, o}	WHOIS, Port check, Reverse lookup, Proxy check Country by IP, Unit converter	ker, Bandwidth meter, Network
Your	IP is 219.65.46.170	
Online service Port check		
Source Port check – Tests if port is opened or	n specified IP	
IP address or host name: 219.65.46.170	Port number: 80	Go
219.65.46.170: 80 port is open		

Fig. 4

1.9.2. Know check the both HTTP & TCP port of DVR. Whether it is open or close.

Note - For DVR online access both port must be opened.

- 1.10. After successful Port Forward, Now go for DVR Interface to create DDNS.
 - 1.10.1. Go for Main Menu → Network → DDNS. See fig. 5

	Wed 27June 16:15			admin ~
DDNS			Main Mer	nu / Settings / Network
TCP/IP	DDNS Type	CP Plus DDNS 🗸	Enable	
InstaOn Cloud	MAC	14-07-08-2f-39-5c	,cppiusaans.com	
Advance Settings	Notes: 1.To add the dom	nain name		
	- Check Enab - Input the di 2.To remove the - Uncheck the	le omain name and press Ap domain name e Enable and press Apply	ply button at first, then p button at first, then pres	oress OK button s OK button
	3.Domain name f	field accepts only alpha n	umeric characters (a-z, 0-	9) are valid
	Detault		OK Cant	21 Abbia

Fig. 5

- 1.10.2. Enable DDNS option.
- 1.10.3. Select **CP Plus DDNS** in DDNS Type.
- 1.10.4. Put desire DDNS in Domain Name. See fig. 6



KCP PLUS Indigo	Wed 27June 16:11	1	admin ~
DDNS			Main Menu / Settings / Network
TCP/IP	DDNS Type	CP Plus DDNS 🗸	S Enable
DDNS	Domain Name	demotest1	.cpplusddns.com
InstaOn Cloud	MAC	14-07-08-2f-39-5c	
Advance Settings	DDNS Status		
	Notes:		
	1.To add the don	nain name	
	- Check Enab	le	
	- Input the d	omain name and press Ap	oply button at first, then press OK button
	2.To remove the	domain name	
	- Uncheck th	e Enable and press Apply	button at first, then press OK button
	3.Domain name	field accepts only alpha n	numeric characters (a-z, 0-9) are valid
	4.Use http://den	notest1.cpplusddns.com	URL to access your DVR
	Default	(OK Cancel Apply



1.10.5. When DDNS will create successfully then Internet status become "Connected".

CP Pice (help DM Concell								- 0
CP Resources	C 🕘 🙆 http://demo	otest1.cpplusddns.com				× (Search	户• 6 章
Liver Name Liver Name Paswood Paswood Paswood CAMCEL	O CP Plus Indigo DVR	×						
Uter Name Joer Name Personed Personed Personed CODEN CONCEL								
Lear Name Lister Name Pasword Pasword Pasword LooiN Convert								
Lear Name Char Name Char Name Password CANCEL								
Larr Name Larr Name Password Password LAR O WAN LOORN CANCEL								
Liser Name ▲ Liser Name Password ▲ Password ▲ LAN ○ WAN LOGIN CANCEL								
User Name					Indiao			
Uber Name Patsword Patsword I patsword LOGIN CANCEL					margo			
Loor Name Plassord Cancel Loom Cancel								
Loor Name Password Password Loor N Loor N CANCEL			User Name					
Password Password LAN O WAN COGN COMCEL			🛔 User					
Paraword () Paraword () Lan () Wan LOGIN (CANCEL)								
Passwold (6) Lan () Wan LOGIN CANCEL								
			A Pass	word				
LOON CANCEL			O LAN	O WAN				
LOGIN CANCEL								
					_			
				LOGIN	CANCEL			

2. Open your DVR through DDNS in Other Network.

- Use internet explorer to access DDNS.
- When you access DDNS first time on system it will prompt for Active X, you should download/install/allow all Active X properly.