

FAQ_ICA-HM220W How to remote control ICA-HM220W and enable motion detect alarm send by email via WNRT-626G connect with 3G Network?



*** FW & Utility version List:

WNRT-626G: v 1.6 ICA-HM220W: v 2.11



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Step1. Please plug-in your 3G network usb modem on your WNRT-626G, and make sure it's connect.





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Step2. Enable WNRT-626G "NAT" function.



Step3. Go to "NAT→Virtual Serves" and "Enable Virtual Server", then please add the IP address and mapping port for use remote control.

ICA-220W Port mapping

	Private Port	Public Port
For ActiveX	4321	4321
For ActiveX	4322	4322
RTSP	80	8888
web	554	554

Home	General Setup	Status	Tools						
■ System		Ena	ble Virtual Serve vate IP	r Computer Name	Private	Port Typ	e Public I	Port Comm	nent
□ WAN □ LAN			~	Select	×	Both	~	dd R	eset
 Wireless QoS 	81			Sa	ame as y	our ICA	-HM2201	P Address	
Port Forwa	rdina	• Curre	ent Virtual Server	Table Private IP	Private Port	Туро	Public Port	Comment	Select
Virtual Ser		1	OFFLINE	192.168.0.105	4321	TCP+UDP	4321	video control	
 Special Ap 	plications	2	OFFLINE	192.168.0.105	4322	TCP+UDP	4322	video control	
	ings	3	OFFLINE	192.168.0.105	80	TCP+UDP	8888	web	
	gs	4	OFFLINE	192.168.0.105	554	TCP+UDP	554	for RTSP	
Firewall		-				Delete	Dele	te All R	eset
Fail Over	6							PPLY CA	NCEL

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Step4. Go to Dyndns web-page to register ddns domain.

1. Application Steps – DDNS & Domain Name

(1). Visit the following web site: http://www.dyndns.org/

🕙 D	ynDNS.	.com: F	ree DNS H	osting, E-mail Delivery, and ¥PS Hosting - M	dozilla Firefox		
File	<u>E</u> dit	⊻iew	History	Bookmarks Tools Help			
÷	> -	C	× 👘	☆ http://www.dyndns.com/		•	•

(2). Click "Account"

DynDNS by Dynamic Network Se	.com		Usernan	ne	Password Lost Password? Create Account	Log in
	About	Services	Account	Support	News	
I'd like to Remotely access my home co	omputer	Introducin Dyn[ig the NEW	munity	A DATNS- Community	Lange to an intermed The first sectors of the secto

(3). After the columns show up at the left side, click "Create Account".

O DynDNS.com			Userna	Log in			
		About	Services	Account	Support	News	
My Account Create Account Login	My Servi	ices View, modi delete your	fy, purchase, and services.			Plea acco User	se log in to access private ount data. mame
Lost Password?	My Zone	es/Domains				Pass	sword
My Cart <u>Oitems</u>	Add Z My Host Add H	<u>lone/Domain</u> <u>s</u> lost Services	<u>Services</u>			Eorg Crea	Log in ot your password? te new account »



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- (4). Fill the application agreement and necessary information.
 - a. Username
 - b. E-mail address and confirmation
 - c. Password and confirmation
 - d. Submit all the input information and finish creating an account

	NS.com		Userr	name	Password	Log in
	About	Services	Account	Support	News	
My Account	Create an acc	ount or loc	in to cont	tinue		
Create Account		-			1	
Login	Username:				Already	Registered?
Lost Password?	Password:				Usernan	
My Cart	Confirm password:				Basering	
<u>O items</u>	Email:				Passwoi	u
	Confirm email:				Eorgot vo	Log in
Search	Subscribe to:	DynDNS.com (1 or 2 per mor Dyn Inc. press Remove HTML	newsletter nth) : releases . formatting from e	email	(
ck the options	Security Image:	0 1 8 m the above image	y (AUP) and privac	y policy.	punt	
	If you're having difficul	Ity creating your ac	count, for any reas	ion, feel free to <u>con</u>	tact us.	
	© 1998-2010 Dynamic	Network Services Inc.	Legal Notices - Priva	cy Policy - Contacts		

(5). Check your e-mail mailbox. There will be an e-mail with a title "Your DynDNS Account Information". Click the hyperlink address to confirm the DDNS service that you just applied. Then DDNS you applied activated.



What's New Inbox 1 message ×	
Delete Repty Forward Span Move Actions View: All T	
🗌 🛛 From Subject Date 🔹 🌮 🕻	•
DynDNS.com Support Your DynDNS.com Account Informati Wed 3/3, 6:44 PM	
Your DynDNS.com Account Information From: DynDNS.com Support exupport@dyndms.com Add to Cantaets To: 1	Click to confirm
Your <u>DynDNS.com</u> Account 'kacel001' has been created. You need to visit the confirmation address below within 48 hours to complete the account creation process: <u>https://www.dyndns.com/account/Confirm/TaDJ3p6jblag_03XvShdtw</u> Our basic service offerings are free, but they are supported by our paid services. See <u>http://www.dyndns.com/services/</u> for a full listing of all of our available services. If you did not sign up for this account, this will be the only communication you will receive. All non-confirmed accounts are automatically deleted after 40 hours, and no addresses are kept on file. We apologice for any inconvenience this correspondence may have caused, and we assure you that it was only sent at the request of someone visiting our site requesting an account. Sincerely, The DynONS.com Team Dynamic Network Services Inc.	

		.com		Username Password Log				
		About	Services	Account	Support	News		
My Account Create Account	~	Account	t Confirme	ed				
Login Lost Password? My Cart <u>0 Rems</u>	The ac login ar Getting	count kacei001 ha nd start using yo g Started	as been confirmed. ur account.	You can now	GUID	RNET	Pair Control of Contro	
Search Search Search	•	Surf without ti web faster wit Create a dynam domain name Create a dynam Setup email serv Register a doma	he sharks and bro ch Internet Guide ic DNS host with you ic DNS host within o vices in name	wse the <u>Ir own</u> ur Free domains	SURF WIT The shar	X8m1		
	C) 1998-2010 <u>Dynamic</u>	: Network Services Inc.	- <u>Legal Notices</u> - <u>Privac</u>	<u>v Policy</u> - <u>Contacts</u>			

(6). Enter the web page http://www.dyndns.org/ again. Input your username and password that you just applied to login administration interface of DDNS server.





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- (7). If the correct username and password are input, you can see the following picture at the top-right of the login page.
- (8). Click the "My Services".



(9). Click the "Add Hostname".

	NS.com						Logged In User: kacei001 <u>My Cart</u> <u>My Services</u> Log Out	
	About	Services	Account		Support	News		
My Account	Account Leve	el Services						
My Services								
Dynamic DNS Pro	Paid Account (?)					Technical Support		
Internet Guide	Dynamic DNS Pro Upgrades (?)				No <u>View</u> - Add			
SLA Premier Support	DNS Service Level Agreement (?)			None			Add DNS Service Level Agreement	
Zone Level Services Domain registration and transfer, DNS hosting, MalHop services	Premier Support Option (?)				Available		Add Premier Support Cases	
	Internet Guide - Free Recursive DNS (?)				ble		Manage Internet Guide Settings	
Host Services Dynamic DNS hosts, WebHop URL Forwarding	Zone Level S	ervices				<u>Details</u> - <u>A</u>	dd Zone Service - Host Update Logs	
Spring Server VPS MaiHop Outbound Recursive DNS	You do not currently ha	ve any zone service	35.					
Network Monitoring								
SSL Certificates	Host Service	F					Add Hostname - Host Update Loos	
Renew Services	nost oct vice	3						
Auto Renew Settings Sync Expirations	No Hostname services i	registered.						

(11). We could create a domain name without any charge at this step. First, we input the host name. (No.1) Then we pick a domain that is easy to remember. Finally (No.2), input you current IP address (No.3) then click on the bottom of "Add To Cart" button to submit the domain name information.

My Account	Add New Hostnam	e		<u>↑ Host Service</u>
My Services				
Dynamic DNS Pro Internet Guide SLA	Note: You currently don't have an features. Paying for an Dynam	y active <u>Dynamic DNS Pro upgrades</u> in your ac Pro upgrade will make this for the funct 2	count. You cannot use some ional and will add several o	e of our Host Service ther features.
Premier Support	Hostname:	· ath.cx	~	
Zone Level Services Domain registration and	Wildcard Status:	Disabled [Want Wildcard support?]		
MailHop services	Service Type:	 Host with IP address [?] 		
Host Services		WebHop Redirect [?]		
Dynamic DNS hosts, WebHop URL Forwarding		🔿 Offline Hostname [
Spring Server VPS	TD Address			
MailHop Outbound	IP Address:	3		
Recursive DNS		Your carrient location's IP address is 211.75	117.114	
Network Monitoring		TTL value is 60 seconds. Edit TTL.		
SSL Certificates				
Renew Services				



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Step5. Go to "WAN \rightarrow DDNS" page for setting your DDNS domain, account and password, then press "Apply" button to enable DDNS work.

Home	General Setup	Status	Tools		
System WAN 3G/3.5G Dynamic 8	•	DDNS (DDNS (DDNS se	ynamicDNS) allow arvice providers. Ou	s users to map the static our products have DDNS sup	domain name to a dynamic IP addre oport for www.dyndns.org and www.t
 Static IP PPPoE PPTP 		2	Dynamic DNS : Provider :	⊙ Enable ◯ Disable DynDNS	
 L2TP Telstra Big 	Pond		Domain Name :	evanwu5.dyndns.org	
DNS DDNS			Password / Key :	•••••	
¤ LAN ¤ Wireless				3	APPLY CANCEL

Please make sure your 3G IP address is same as your DDNS domain.





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Step6. Set the ICA-HM220W Gateway IP address same as your WNRT-626G LAN IP address.

						CA-HM220W	
				PLANET	♥ Camera ♥ Video	🛛 🗹 Pan & Tilt 📝 Ne	twork V Motion Detection
	WNRT	F-626G				LAN WLAN	Dynamic DNS U
LAN You can enable the Local Area Network	• Wireless Router's DF c	ICP server to dyna	mically allocate IP Addresses I			LAN V Network Type : V IP Address : V Subnet Mask :	O DHCP ③ Static IP Address 192,168.0.105
• LAN IP	IP Address :	192.168.0.30	•	6 7 8 9 6		w Galenary	192.168.0.30
	Subnet Mask :	255.255.255.0	The ICA-HM220	VI Gateway same	s your WNRT-	526GLANIP	168.95.1.1
802.1	1d Spanning Tree :	Disable 💌		Pan/Till Speed: 5 (Slow)			8.8.8.8
	DHCP Server :	Enable 💌		Video Type: H.264 🛛 🐱		✓ Web Port :	80
				Frequency: 60 Hz Filp Mode: Normal Brightness Volume Apply		PPPoE	C Enable © Disable

Step7. Goto your ICA-HM220W Web-page, and to setup your "**Email**" page at **Motion Detection**→**E-Mail**.

Motion Detection							
Motion Detection Motion	Region	E-Mail	FTP Configuration	SD Card Configuration			
E-Mail							
Recipient E-Mail Address : E-Mail Subject : SMTP Server :	Motion Detection Notification		on				
 ✓ SMTP Port : ✓ Sender E-Mail Address : 	25						
 SMTP Authentication : SMTP enable SSLv2v3 function : User Name : 	 Enable Enable 	Disable Disable					
♥ Password :	Apply S	end a test email					



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Step8. Goto "Motion Region" page to select your "Detect Region" and please press "Save" button to apply this setting.





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Step9. Goto "Motion Detection" page to "Enable Motion Detection" and enable "Send Snapshot file to E-Mail" and please press "Save" button to apply this setting.

Motion Detection	Motion Region	E-Mail	FTP Configuration	SD Card Configuration			
Motion Detection							
✓ Enable Motion Detection	on: 💿 E	nable Dis	able				
Motion Detection Interview	val: 5	seconds					
✓ Recording Time :	3 🛩						
♥ Sending File Type :	JPE	G 🗸					
 Send snapshot file to I 	FTP: OE	nable 💿 Disa	able				
 Send snapshot file to I 	E-Mail : 💿 E	nable 🔾 Disa	able				
SD Card							
SD Card Record :	OE	nable 💿 Disa	able				
Storage File Type :	JPE	G					
✓ Record File Size :	10	MByte	s (Max 100 MB)				
Samba Network							
✓ Record to Folder:	OE	○ Enable ④ Disable					
 Authentication ; 	Ano	Anonymous 🛩					
✓ User Name :							
Password :							
👻 Samba Server :							

Step10. Please make sure your DDNS Domain is mapping your 3G IP Address. Ex. We use "ping" command to check it is mapping.





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Step11. After all setting as above, you can use your ddns domain and **port 8080 and 8888** to remote your WNRT-626G and ICA-HM220W. Also, ICA-HM220W motion detect alarm to send E-mail is work!

http://ddns-domain-name:8080/ to remote WNRT-626G

http://ddns-domain-name:8888/ to remote ICA-HM220W

Ex.

http://evanwu5.dyndns.org:8080/ to remote WNRT-626G

http://evanwu5.dyndns.org:8888/ to remote ICA-HM220W



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