

How to configure FCS-5011 to record video in GNS-2000

Concept:

Most of the IP camera requires a computer to be turned on all the time and install surveillance software for recording purpose. FCS-5011 has a build in function to record video directly to the Network Attached Storage (NAS), here we use GNS-2000 as the NAS. This setup would consume less power than a computer and ideal for 24 – 7 continuous recording.

Prerequisite:

1. You will need to be able to login FCS-5011 and configure network IP address.

2. You will need to login GNS-2000 and configure network IP address and format disk.

Topology



 The IP address used here is only for reference, you may change your IP address to suit your network setup.

Configuration for GNS-2000

1. Please login GNS-2000, click on Administration.

C GNS-2000 - Willdows Internet Explorer		-82
Solution (192.168.0.5)	🗾 🐓 🗶 🔀 Google	P -
😪 Favorites 🏾 🏉 GNS-2000		
GNS-200	English	2
	User Log in (Private Data) Public Data	
Welcome	User Password	
This is the home page of	Please click here to change your password to match your NS-2000. Windows logon.	
Please select a function	n the right. Administration	
of click on the menu be	Administrator may change GNS-2000's settings here.	
	Download Manager	
	Click here to use Download Manager function.	
	Photo Album	
	Click here to use Photo Album function.	
	Ch10 0000 04-6	
	GN 5-2000 Status	
	Firmware Version: V3.9R05	
	IP Address: 192.168.0.5	
	Disk Mode: Separate Disks	
	USB 1: Not Installed	
	USB 2: Not Installed	
	Disk 1: Ready, 113,662 MB (100.0% Free)	
	DISK 2. Not installed	

2. Please enter user name and password.

Connect to 192.1	68.0.5	? ×
The server 192.1 and password. Warning: This ser password be sent witbout a secure	68.0.5 at Management require ver is requesting that your use in an insecure manner (basic - connection)	ername and authentication
User name:	🖸 admin	•
Password:	Remember my passwo	ord
		Cancel
		Cancol

3. You may change the Disk Mode as you desire.

ØGN5-2000	0 - Windows Internet Explorer	
🙋 http://192	2.168.0.5/Management/utility.cgi?next_file=mode_change.htm	
	Change Disk Mode	
	Maximum Storage	
	 Two separate disks (Recommended) 	
	C Two disks configured as one large disk (JBOD/LVM)	
	Maximum Security	
	Mirroring (RAID 1)	
	Maximum Speed	
	Striping (RAID 0)	
	Save Cancel Help Close	
Done		00% • //:

4. Please format your disk after changing the Disk mode.

C GNS-2000	- Windows Internet Explorer						_ <u>= </u> = ×
GO •	🔊 http://192.168.0.5/Manageme	nt/utility.cgi?next_file=disk.htm				💌 😽 🗙 🚼 Google	<u>۹</u>
🙀 Favorites	🏉 GNS-2000						
		GNS-2	000				1
		Home		G	roups Shares Backup Dis	Upgrade Setup	
		Disk Mode	Use this scru Current Mode:	een to perform any di Separate Disks	sk maintenance required.	<u>*</u>	
		Format	Disk 1: Disk 2: USB 1: USB 2: The format op	Formatting Not Installed Not Installed Not Installed weration will destroy any	Format Format Format Format data on the disk !		
		Scandisk	Disk 1: Disk 2: Schedule:	Not Scanned N/A Never	4% Start/Stop Start/Stop	-	
			Se	ave Cancel View	Log Help		2

- Please refer to user manual for Disk Configuration detail.
- 5. In the "Share" tab, please enter the name of the shared folder.
- 6. Click on "Save as New Share".

C GNS-2000 - Windows Internet Explorer			_ 8 ×
O	nt/file_sharing.cgi?next_file=shares.htm	🗾 🖅 🔀 Google	P -
🔆 Favorites 🏾 🄏 GNS-2000			
	GNS-2000		×
	Properties Name: Commen Location	End of List Save Help	

Configuration for FCS-5011

7. Please login FCS-5011, and click on Configuration.



8. In the system page, please check if your time is sync.

🖉 System -	Windows Internet Explor	rer			_ <u>8 ×</u>
00.	a http://192.168.0.7/se	tup/system.html		💌 😽 🗙 🚼 Google	ρ.
🙀 Favorites	🍘 System				
lev o r	FCS-5	5011 Outdoor W	DR PoE Network Camera w/	Configuration	
		>System			
🕑 Home	e	System			
🕑 Syste	em	Host name:	FCS-5011 Outdoor WDR PoE Network Ca		
🕑 Secu	rity	System Time			
HTTP	s				
💌 Netw	vork	Enable Daylight Saving Time	Paulicht Caulos Time sules on Maintenance page of use the		
DDN9	5	camera default value.	Daylight Saving filme rules on <u>Maintenance</u> page or use the		
Acces	ss list	Time zone:			
🔁 Audio	and video	GMT+08:00 Beijing, Chongqing), Hong Kong, Kuala Lumpur, Singapore, Taipei 💌		
Motic	on detection	 Keep current date and time Composite and time 			
Came	era control	Computer date:	2010/09/13		
Applie	cation	Computer time:	17:25:49		
Reco	rdina	C Manual			
Svste	em log	Date:[yyyy/mm/dd]	2010/09/13		
▶ View	parameters	C Automatic	17.25.50		
🔁 Maint	tenance	NTP server: Updating interval:	One hour		
Version: 010	DOF	DI and DO			
		Digital input: The active state is	Low 💽 ; the current state detected is High		
		Digital output: The active state	is Grounded 💌 ; the current state detected is Open		
		Save			
		78			

9. Please click on "Application" tab, then click on "Add" under Server setting.

<i>(C</i> Ap	plication - Windows Internet E	xplorer		_ 8 ×
G	🕥 🔻 🙋 http://192.168.0.7/s	etup/application.html	💌 😽 🗙 🔀 Google	P -
🔆 Fa	worites 🏾 🄏 Application			
	FCS-	5011 Outdoor WDR PoE Network Came	Configuration era w/ IR LEDs	
•	Home System	Event Settings Name Status Sun Mon Tue Wed Thu Fri Sat Time Trigger		
* *	Security HTTPS Network	Server Settings Name Type Address/Location Add Delete		
•	DDNS Access list Audio and video	Media Settings Available memory space: 4800KB Name Type Add T P Delete		
•	Camera control Application Recording			
•	System log View parameters Maintenance			
Versic	on: 0100f			

10. Under Network storage field, please enter the network location, and the user name of GNS-2000.

In our example, we use

<u>\\192.168.0.5\record</u>

"admin" as user name.

CServer Settings - Windows Internet Ex	olorer	<u>_</u> _×
🔊 http://192.168.0.7/setup/server.html?index	=0	
>Server Settings	Ve	
Server name:	Record	
Server Type		
C Email		
Sender email address		
Recipient email address		
Server address		
User name		
Password		
C FTP		
Server address		
Server port	21	
User name		
Password		
FTP folder name		
Passive mode		
C HTTP		
URL	http://	
User name		
Password		
Network storage		
Network storage location	\\192.168.0.5\record	
(For example: \\my_nas\disk\f	older)	
Workgroup		
User name	admin	
Password		
	54 ⁴	
lest Save Close		
Done	Interr	net 🛛 🖓 🕶 🔍 100% 🔹

- 11. After configuration, you can click on "Test" button and check the connection.
- 12. If successful, the screen will show.



13. Click on "Recording" tab on the left, click on "Add".

CRecording - Windows Internet Exp	lorer		_ <u>8 ×</u>
C C v E http://192.168.0.7/se	tup/recording.html	🗾 🐓 🗙 🔀 Google	P -
🙀 Favorites 🏾 🏀 Recording			
FCS-5	5011 Outdoor WDR PoE Network Car	Configuration nera w/ IR LEDs	
 Home System Security HTTPS Network DDNS Access list Audio and video Motion detection Camera control Application Recording System log View parameters Maintenance Version: 0100f 	Recording Settings Name Status Sun Mon Tue Wed Thu Fri Sat Time Source Destination Add v Delete		

- 14. Please give recording a name.
- 15. Tick on "Enable this recording"
- 16. You can configure the camera to record "Always" or provide it a recording schedule.
- 17. In the Destination drop down menu, "record" should be shown as you had previously configured.
- 18. You can provide a file name prefix as you desire. This setting will be found easier to identify the recording if you have multiple cameras all record in the same folder.

🖉 Recording Settings - Windows Internet Explorer		
Attp://192.168.0.7/setup/recording_entry.html?index=0		
>Recording		
Recording name: Record		
Priority: Normal		
Source: Stream1 -		
Recording Schedule		
🗹 Sun 🗹 Mon 🗹 Tue 🗹 Wed 🗹 Thu 🗹 Fri 🗹 Sat		
Time		
C Always		
C From 00:00 to 24:00 [hh:mm]		
Destination record Max. recording capacity (Old file will be overwritten after reaching maximum recording capacity.): 1000 Kbytes [1000~20000000] File size for each recording: 200 Kbytes [200~6000] File name prefix: FCS-5011- Save Close		
Done	100%	- /

19. After configuration, you can use eg. Windows explorer and under Address, please input <u>\ip_address_of_GNS-2000\folder_name</u>. In our example, we use <u>\\192.168.0.5\record</u>

💈 My Computer					×
File Edit View Favorites To	ols Help				
🕝 Back 🔹 🕥 🔹 🏂 🔎	Search 🌔 Folders 🛄 🔹				
Address \\192.168.0.5					💌 🛃 Go
	Name	Туре	Total Size	Free Space Comments	
System Tasks	Files Stored on This Computer				
View system information	Shared Documents	File Folder			
👸 Add or remove programs	Support's Documents	File Folder			
🔂 Change a setting					
	Hard Disk Drives				
Other Places	Second Disk (C:)	Local Disk	9.99 GB	3.31 GB	
	Second Disk (D:)	Local Disk	19.9 GB	3.28 GB	
My Network Places	Second Disk (E:)	Local Disk	29.9 GB	4.51 GB	
My Documents	Second Disk (F:)	Local Disk	29.9 GB	14.1 GB	
Shared Documents	10 00 00000 202000				
🔂 Control Panel	Devices with Removable Storage				
	BVD Drive (H:)	CD Drive			
Details					
My Computer					
System Folder					

20. Please enter the user name and password of GNS-2000.

Connect to 192.16	58.0.5	<u>?</u> ×
R		1 M
Connecting to 192.	.168.0.5	
<u>U</u> ser name:	🕵 admin	•
Password:		
	Remember my pass	word
	ОК	Cancel
	I Kemember my pass	Cancel

21. Here you will see the "record" folder previously created in GNS-2000.



- 22. Here are the files recorded by FCS-5011.
- 23. Click on the file, you will need eg. Quicktime player or KM player to playback the recording.

record on 192.168.0.5						
e Edit View Favorites Iools Help						4
Back - 🕥 - 🤣 🔎 Search 🌔 Folders 💷 -						
dress 😰 1/192.168.0.5/yecord						💌 🔁 G
	Name A	Size	Гуре	Date Modified		
File and Folder Tasks 🏾 🛸	CS-5011-0.mp4	229 KB	MP4 File	9/14/2010 1:19 AM		
🍠 Make a new folder	FCS-5011-1.mp4	229 KB 1	MP4 File	9/14/2010 1:19 AM		
Publish this folder to the	E PC5-5011-2.mp4	233 KB	MP4 File	9/14/2010 1:19 AM		
Web	B FCS-5011-4 mo4	233 KD 1 229 KB 1	VID4 File	9/14/2010 1:19 AM		
	E test	1 KB	Fext Document	9/14/2010 1:13 AM		
Other Places 🕆	anormal-1284398378_206061978.3gp	100 KB 3	BGP File	9/14/2010 8:06 AM		
2 192.168.0.5						
My Documents						
Shared Documents						
My Computer						
My Network Places						
3						
Details *						