

H7 Series

H.264 Digital Video Recorder

Web Viewer User's Manual

Preliminary Release

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Chapter 1. General

Access over internet

Authorized user can access the DVR through internet at anywhere, at anytime. DVR serves following three features for web viewer users.

- Live view
- Search & Playback (Search permission is required.)
- PTZ camera control (Search or Setup permission is required.)





Chapter 2. Settings & Connections





Step 1. Enter to "Internet Options".



Step 2. Move to "Security" menu.



Step 3. Select "Trusted sites" zone.





Step 4. Add a DVR to Trusted site.

Select a	zone to	o view or chan	ge security s	ettings.			
		S	\checkmark	•	0		
Inte	rnet	Local intrane	t Trusted s	ites F	lestricted sites	ł	
	Trust	ed sites				Ciboo	1
\checkmark	This zo trust r your f You h	one contains v not to damage iles. ave websites i	vebsites that your compul n this zone.	you ter or		bites	-&-
		Trus will	sted site be show	es wir vn.	ndows	S	
Trustee	d sites						×
\checkmark	You this	can add and r zone will use t	emove websi he zone's sea	tes from :urity set	this zone tings.	. All web	sites in
Add ti		site to the zor	ie:			2)
http:	//10.0.	1.21				Ad	d
Websi	ites:						
5	3					Rem	ove
4)						
Re	- equire s	erver verificat	ion (https:) f	ior all site	s in this z		5

- 1) Type DVR IP address/URL directly.
- 2) Click "Add" button.
- 3) A new address will be added to here.
- 4) Uncheck server verification option.
- 5) Click "Close".

Step 5. Set security level to Low.

* See Step 8. If you want to set the level to "Medium" or "Medium-low".

- 1) Select "Low" security level for Trusted site.
- 2) Click "OK"



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Step 6. Connect to DVR

- 1) Enter an address including port number "8080". (Ex. "http://10.0.1.21:8080")
- 2) Click "Go" or tap Enter key.



Step 7. Install an ActiveX control

Security warning message will be shown as below.

Select "Install" to access DVR.

	Internet Explorer - Security Warning
Manual Levines North Nations	The publisher could not be verified. Are you sure you want to install this software? Name: webviewer.cab Publisher: Unknown Publisher
being and an and a final appropriate that under the public in the second s	Install Don't Install This file does not have a valid digital signature that verifies its publisher. You should only install software from publishers you trust. How can I decide what software to install?

Step 8. For advanced users

If you want to set the security level to "Medium" or "Medium-low" in Step 5., change following ActiveX options, please.

- 1) Automatic prompting for ActiveX controls : Enable
- 2) Binary and script behaviors : Enable
- 3) Download unsigned ActiveX controls : Prompt
- 4) Initialize and script ActiveX controls not marked as safe...: Prompt
- Automatic prompting for ActiveX controls
 Disable
 Enable
- 🜒 Binary and script behaviors
- O Administrator approved
 - Disable
 Enable

- Download unsigned ActiveX controls
 Disable
 - O Enable
 - O Prompt
- 🜒 Initialize and script ActiveX controls not marked as safe for
 - O Disable O Enable
 - Prompt



Internet Explorer 6



Step 1. Enter to "Internet Options".



Step 2. Move to "Security" menu.



Step 3. Select "Trusted sites" zone.





Step 4. Add a DVR to Trusted site.

Click "Sites..." button

😵 🍕 🔮 🖨	
Internet Local intranet Trusted sites Restricted sites sites	
Trusted sites This zone contains Web sites that you trust not to damage your computer or data. No sites are in	Sites
Trusted sites will be shown.	windows
Trusted sites	<u>? ×</u>
You can add and remove Web sites from this zo in this zone will use the zone's security settings. Add th 1 site to the zone: http://10.0.1.21	Add
Web sites:	Remove
Require server verification (https:) for all sites in this 5 OK	zone Cancel

- 1) Type DVR IP address/URL directly.
- 2) Click "Add" button.
- 3) A new address will be added to here.
- 4) Uncheck server verification option.
- 5) Click "OK".

Step 5. Set to default security level.

* See Step 8. If you want to set the level to "Medium" or "Medium-low".

- 1) Click "Default Level" to set Low Security level for trusted site.
- 2) Click "OK"





Step 6. Connect to DVR

- 1) Enter an address including port number "8080". (Ex. "http://10.0.1.21:8080")
- 2) Click "Go" or tap Enter key.

🚰 Yahoo! - Microsoft Internet Explorer		
File Edit View Favorites Tools Help		
🚱 Back 🝷 🕤 🍽 😰 🚮 🔎 Search	ravorites 🤣 🔗 - 😓 🔀	
Address 🙋 http://10.0.1.21:8080/	💽 🛃 Go 🛛 Links 🎽 🈏 SnagIt	2
Make Y! your home page	YAHOO!	Play

Step 7. Install an ActiveX control

Security warning message will be shown as below.

Select "Install" to access DVR.



Step 8. For advanced users

If you want to set the security level to "Medium" or "Medium-low" in Step 5., change following ActiveX options, please.

- 1) Automatic prompting for ActiveX controls : Enable
- 2) Binary and script behaviors : Enable
- 3) Download unsigned ActiveX controls : Prompt
- 4) Initialize and script ActiveX controls not marked as safe...: Prompt

ø	Automatic prompting for ActiveX controls	🜒 Download unsigned ActiveX controls
	O Disable	O Disable
	🖸 Enable 🔣	O Enable
ø	Binary and script behaviors	O Prompt
	O Administrator approved	👔 Initialize and script ActiveX controls not marked as safe f
	O Disable	O Disable
	• Enable	O Enable
	-	Prompt,

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Chapter 3. Basic operations

Automatic disconnection

DVR denies or disconnects when it is handling mission critical task as following.

Try later when web viewer shows these messages.

- DVR is updating system configurations.
- DVR enters to search mode.
- DVR starts to backup.

Web viewer screen



Status Display

- "LIVE"
- : Live Mode

"> x1" ~ "> x16"

: Forward playback mode (x1 ~ x16 means playback speed)

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"< x1" ~ "< x16" : Reverse playback mode

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Log-in

- Step 1. Enter an ID & Password It must be same as registered on the server.
- Step 2. Enter a port number (5000) Do not change this number.

ID	ADMIN
Password	•••••
Port	5000
Αυτο 🔽	Login

Mode display

Search mode

Live mode

Step 3. Click Login button

Click this button to log-in.

You can find that mode display is changed from "Disconnected" to "Live mode".



Permission

Administrator can assign different permission for each users.

Permission of Admin and Guest are fixed to All and LIVE.

Refer to System::User menu on user's manual.

Permission	Layout Control	Search & Playback	PTZ Controls	Remark
Live	0	Х	Х	Guest
Search	0	0	0	
Setup	0	0	0	
All	0	0	0	Admin

Mode control

Web Viewer supports two modes;

1) Live mode

Click Live mode button.

Server transmits live video streams and audio streams in real time.

2) Search mode

Click Search mode button.

Calendar search tool and playback controls are supported.



Search Mode



Layout control

You can select a layout between single and split at any mode.

	Layout	
1x1 screen		4x4 screens (16CH only)
2x2 screen		3x3 screens (8/16 CH only)

PTZ controls

You need "Search", "Setup" or "All" permission to use PTZ controls.

Please, change the layout to 1x1 screen mode prior to use PTZ controls.



Quit / Log-out

Click "Quit" icon to log-out. Mode will be displayed as "Disconnected".



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Chapter 4. Search operations

You can search video data which it is stored on remote site's DVR through web viewer.

Search

Step 1. Click Search mode button



Step 2. Choose specific Day & Hour

Available days are shown as blue-back colored, choose a specific day on the calendar.

2008				8	8 💌			2008-08-18 15:00				
S	м	Т	W	T	F	S		СН	00 01 02 03 04 05 06 07 08 09 10 11 12 13 14 15 16 17 18 19 20 21 22			
Day					1	2	ŀ		Time			
3	5	5	6	7	8	9		1				
10	11	12	13	14	15	16		2				
17		19	20	21	22	23	ľ	2				
24	25	26	27	28	29	30		3				
31								4				

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Recording mode color

Search map is shown with recording mode color as below.

20	30
7	

Blue : Recording data by motion event

Yellow : Recording data by alarm in event

Green : Recording data by motion+alarm event

Red : Normal recording data or Panic recording data

Step 4. Choose specific Minute

Playback will be started as soon as you click specific minute on the search map.

2008		8 💌			200	2008-08-18 15:21								
М	T	w	Ţ	F	s	СН	00	10	, 20	2	130	40	150	59
				1	2			Mi	nute]				
4	5	6	7	8	9	1								
11	12	13	14	15	16	2				5				
18	19	20	21	22	23	3								
25	26	27	28	29	30	Ļ								
						4								
3	3 M 4 11 18 25	 3 M T 4 5 11 12 18 19 25 26 	3 1 1 1 1 1 1 1 1 1 1	3 2 7 6 7 4 5 6 7 11 12 13 14 19 20 21 25 26 27 28	3 3 4 7 8 8 8 9 1 7 9 1 <th1< th=""> <th1< th=""> <th1< th=""> <th1< th=""></th1<></th1<></th1<></th1<>	3 * 8 * M T W T F S M T W T F S M T K T T S S M T W T F S S M T S 6 T S S S M T S 6 T S S S M T S 6 T S S S M T T N M M M S M T N M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M M	3 1 8 200 M T W T F 5 1 2 13 14 15 16 11 12 13 14 15 16 10 19 20 21 22 23 25 26 27 28 29 30	3 ★ 8 ✓ 2008-08-18 15 M T W T F S H 0 1 2 3 14 15 16 2 11 12 13 14 15 16 2 13 12 13 20 21 22 23 25 26 27 28 29 30 4	3 ★ 6 ▼ 2006-06-18 15:21 M T W T F S 1 2 1 2 4 5 6 7 8 9 11 12 13 14 15 16 19 19 20 21 22 23 25 26 27 28 29 30 4 4	3 3 8 ▼ 2008-08-18 15/21 M I W I F S 1 2 1 2 4 5 6 7 9 9 11 12 13 14 15 16 19 19 20 21 22 23 2 2 3 4 4 4	3 3 3 8 ▼ 2008-08-18 15:21 M T W T F S 1 2 1 2 4 5 6 7 9 9 11 12 13 14 15 16 19 19 20 21 22 23 2 2 3 4 15 14 15 16 3 4	3 ★ 6 ▼ 0 T F S 1 2 1 F 1 12 13 14 15 16 19 19 20 21 22 23 25 26 27 28 29 30 4 15 16 2 1	B B C COOR-08-18 15:21 M T W T F S 1 2 1 2 4 5 6 7 9 9 11 12 13 14 15 16 19 19 20 21 22 23 2 2 3 2 3 4 7 8 2	3 3 3 3 3 2008-06-18 15:21 M T V T F S 1 V T F S 1 12 13 14 15 16 13 12 13 14 15 16 19 19 20 21 22 23 2 2 3 2 3 4 4 4 4 4



Playback controls



Fast playback control

Web viewer support multiple playback speed, x1, x2, x4, x8 and x16.

The speed is changed when click playback button during playback.

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