NETUS-Pro

Ver.1.1 / 2020.07

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1. NETUS-Pro Installation

Run NETUS-Pro installation file.



Check the installed version and click the "Next" button when installation instructions come out.



Select the NETUS-Pro installation items.

💷 NETUS-Pro 1.0.0.47 64bit Setup - 🗆 🗙								
Choose Components Choose which features of NET	Choose Components Choose which features of NETUS-Pro 1.0.0.47 64bit you want to install.							
Check the components you wa install. Click Next to continue.	nt to install and uncheck the comp	onents you do	n't want t	a				
Select components to install:	 ✓ Install Service ✓ Create Program Group an 	Description Position you over a comp see its desc	ir mouse bonent to ription,					
Space required: 169.9 MB	< >							
NETUS	< Back	Next >	Car	ncel				

Install: Install the necessary items to run NETUS-Pro.

Create Program Group and Shortcut: Add NETUS-Pro to your wall paper and start menu on your desktop.

Check the installation path and click the "Install" button.

oose Install Location hoose the folder in which	to install NETUS-Pro 1	.0.0.47 64bit.			
etup will install NETUS-Pro older, click Browse and sel	1.0.0.47 64bit in the ect another folder. Cli	following folder. T ck Install to start	Fo insta the ins	all in a d tallation	lifferent 1.
Destination Folder					

Installation proceeds and NETUS-Pro starts automatically.

INETUS-Pro 1.0.0.47 64bit Setup	_		\times
Installing			
Please wait while NETUS-Pro 1.0.0.47 64bit is being installed.			
Extract: Qt5Core.dll			
Extract: d3dcompiler_47.dll 100%			^
Extract: Http.dll 100%			
Extract: libeay32.dll 100%			
Extract: libEGL.dll 100%			
Extract: libGLESv2.dll 100%			
Extract: opengl32sw.dll 100%			
Extract: PocoFoundation64.dll 100%			
Extract: PocoNet64.dll 100%			
Extract: Qt5Concurrent.dll 100%			
Extract: Qt5Core.dll			~
NETUS			
< Back Clo	se	Car	ncel

2. Run NETUS-Pro

Run the program by clicking NETUS-Pro icon on wall paper or start menu.

NETUS		×
	admin	
	•••••	E
	Save password Auto login	
	Full screen start	
	sigma server s user	
		1.0.0.47

Save password: Password of the last login ID is automatically entered on the next run.

Automatic login: Skip the login process on the next run.

Full screen start: Runs the program in full screen.

"Auto login" and "Full screen start" can also be set in the "Configuration" menu.

Sigma server user: Possible to log in with your ID and password of Sigma account.

(Refer to page 50)

After entering your ID and password, press the Enter Key or click the login *button*, and the main screen will appear as below.

NETUS Pro PM 02:14:03 1							
☆ ≰° 🖨 🗏 🗑							
🖿 Site	Live_1 💿 Play			+			
Search Q							
👔 Local system	NETUS						
töör Screen layouts 13 ☆ Favonte Event list 	NETUS						
PTZ Q O C Auto pan Auto focus Etc							
Preset 1 - 🐨 🐯	+ 🖿 🌵 📣 👥 🔯 🖬 💾) - I	4 🕨	₩ 4×4 - [□]			

Main menus of NETUS-Pro are as below.



3. Device registration

NETUS Pro PM 02:14:03 🛃 🗕 🗆 🗙 ☆ ≰° 🖨 🗏 🗑 : 🖵 Live_1 Play ď ☆ Favorite Event list • Q 🗳 1 . 4 6 6 +] 📼 🍨 📣 🖭 💽 🖬 💾 - 💕 [0]

Click on the yellow "Site Manager" button to register the device.

The "Site Manager" window is displayed as below.

SI	TE MANAGER								×
	Device registration	Device group re	egistration						
		+	Ŀ					۹	+ 🗹 🛅
	Device disco	overy item	Model	Name	IP(url)	MAC	Port(Web)		Version
	192.168.0.18 50100 (80)	00:0c:28:0c:6b:b1 16 Ch							
	192.168.0.2 50100 (443)	00:23:63:79:66:e4 4 Ch							
	De	efault ID / Password							Apply

[Device Search]

When running "Site Manager", devices in the same IP band as the current PC are automatically searched in the list on the left.

	+
Device d	iscovery item
192.168.0.18	00:0c:28:0c:6b:b1
50100 (80)	16 Ch
192.168.0.2	00:23:63:79:66:e4
50100 (443)	4 Ch
	Default ID / Password

: You can search for a device by using "Search Device" button.

+ : Click the "Automatically add device" button to automatically add the checked devices to the list. The added devices are displayed in the list on the right.

Default ID / Password

: You can set the ID and password to be entered in the device in advance when "Automatically add device" by using the "Default ID/Password" button.

i DEFAULT I	D/P W	×
ld		
Password		
		Ok

After entering, press the "Confirm" button, and the "Default ID/Password" button will change as

following.

[Device Registration]

Default ID : admin

Automatic Registration

If you add a device by clicking the $\stackrel{+}{=}$ button after checking the device you want in the device search category, the added devices are displayed in the list on the right.

S	ITE MANAGER										×
••••	Device registration	Device group r	egistratio	on							
		+	Ŀ				Search			Q +	a p
	Device discover	ry item		Model	Name	IP(url)	MAC	Port(Web)		Versi	on 🔺
	192.168.0.18	00:0c:28:0c:6b:b1		H6 DVR, NVR	4K-NVR_V1.7.035_1.13	lottegoduc7.powerd	000C280B7E4C	50100(8080)	16	V1.7.035_1.1	3
	192 168 0.2	00:23:63:79:66:e4		H6 DVR, NVR	7brid_v1.6.064	000c280bd26a.power	000C280BD26A	50100(80)	12	V1.6.064	
	50100 (443)	4 Ch		H6 DVR, NVR	7brid_v1.6.063_11.6	oscar.powerddns.com	000C280BEB18	50100(80)	20	V1.6.063_11.	6
				H6 DVR, NVR	5brid_3.0_v1.6.0061_1	par12.powerddns.com	000C280BE1F9	51000(3004)	20	V1.6.061_10	
				H6 DVR, NVR	5brid_3.0_v1.6.050_8c	000c280bc2ea.power	000C280BC2EA	50100(80)		V1.6.050	
				📼 H6 DVR, NVR	5brid_3.0_v1.6.064_8c	star9.powerddns.com	000C280BBD22	50100(80)		V1.6.064	
				H6 DVR, NVR	5brid_3.0_v1.6.060_16	000c280bd38d.power	000C280BD38D	50100(80)	20	V1.6.060	
				H6 DVR, NVR	5brid_3.0_v1.6.064_16	hanavina7.powerddn	000C280BF77C	50100(80)	20	V1.6.064	
				H6 DVR, NVR	5brid-c_v1.6.046_4ch_1	0023637437d9.power	0023637437D9	50100(80)		V1.6.046	
				H6 DVR, NVR	5brid-c_v1.6.044_4ch_2	0023636d375f.powerd	0023636D375F	50100(80)		V1.6.044	
				H6 DVR, NVR	5brid-c_v1.6.046_4ch_3	25016666.powerddns	0023637475C5	50100(80)		V1.6.046	
				H6 DVR, NVR	5brid-c_v1.6.046_8ch_4	00236371015c.power	00236371015C	50100(80)		V1.6.046	
				H6 DVR, NVR	5brid-c_v1.6.046_8ch_5	cmskhs1004.powerd	002363710150	50100(80)		V1.6.046	
				H6 DVR, NVR	5brid-c_v1.6.046_8ch_6	93279965.powerddns	00236375FF50	50100(80)		V1.6.046	
				🗃 H6 DVR, NVR	5brid-c_v1.6.046_8ch_7	00236375ff5f.powerd	00236375FF5F	50100(80)		V1.6.046	
				📼 H6 DVR, NVR	5brid-c_v1.6.046_8ch_8	inthesun.powerddns	0023636D38C4	50100(80)	9	V1.6.044	
	Defau	ult ID / Password								Apply	

In the case of automatic registration, the IP address and connection port are automatically entered and the device is connected with the ID and password set in "Default ID / Password". If the device ID or password is incorrect, an error message as below is displayed, and a yellow warning icon (¹) is attached to the device list.

A	Unregistered ID or wrong password.
	Done

If the message above appears, press the revise device button , enter a valid ID and password, and try registrering again.

Manual Registration

You can manually register a device by clicking the Add Device button \blacksquare on the top right.

ADD DEVICES	×
Device name	
IP(uri)	
Client port	50100
Web server port	80
User id	admin
User password	
	Apply

Enter the device name, and device's IP address or URL address in the IP (url) field.

Enter the client port, web server port, user ID/password, and click the "Apply" button to register the device.

A red icon (\bigcirc) is displayed for devices that are disconnected due to reasons such as the device being turned off or a network connection failure. If there is a red icon, please check the device connection.

Click the "Apply" button in the site manager to complete the device registration. When you exit the site manager you can see that the device is registered in the site tab of the side menu.

You can edit and delete device information by using the Eidit Device button and Delete Device button in the site manager.

				11:29:07 🛨 🗕 🗆 🗙
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🖿 사이트 19 🕴	모 라이브_1 × ⓒ 재생			+
관생 Q ▲ 및 로칩시스템 6000 ▶ 6000 REC_00026808334C ▶ 6000 REC_000268708EAS ▶ 6000 DVRth_8Ch ▶ 6000 DVRth_8Ch ▶ 6000 DVRth_8Ch	NETUS			
OTD DVR_2 OTD VR_2 OTD VR_1 OTD telecopriew_8Ch_2 OTD telecopriew_4Ch_1 OTD telecopriew_4Ch_1 OTD telecopriew_4Ch_1 OTD telecopriew_16Ch_2	NETUS			
· · · · · · · · · · · · · · · · · · ·	NETUS			
 PTZ ● ○ ○ ○ ○ ○ ○ ○ ○ ○				
프리셋 1 🔹 🐻 🐯	+] 🛥 🔮 🜒 👥 💽 🖨 🕂	° 🗳 🗖 🗸 1 /	4 ►	₩ 4x4 ~ [□]

VMS address book conversion

By converting address book used in VMS into an address book for NETUS-Pro, devices registered

in VMS can be used in NETUS-pro. Click button for address book conversion.

[↓] A[DRESS BOOK CONVERSION	×
File path	[]	Open
		Convert

Click "Open" button and select the address file exported from VMS. (.rbk file)

💽 파일 열기									×
← → • ↑ 📘	→내┍	C > 바탕 화면 > 주소록	ł			5	주소록 검색		P
구성 ▼ 새 폴더	1								?
- 공용 문서	^	이름 ^		수정한 날짜	유형	크기			
_ 새 폴더		conver_test.rbk		2020-06-30 오후 2:56	RBK 파일	1,4	56KB		
OneDrive									
💻 LH PC									
 3D 개체									
➡ 다운로드									
📕 동영상									
🔮 문서									
📃 바탕 화면									
▶ 사진									
🎝 음악									
🏪 로컬 디스크	(C:)								
🕳 로컬 디스크	(D:)								
💣 네트워크	~								
	파일 0	름(N): conver test.rbk				~	Backup Files (*.rbk)		\sim
							971(0)	최소	
							2/1(0)	71-2	

Click "Convert" button.

	DRESS BOOK CONVERSION	×
File path	C:/Users/garde/Desktop/DEMO.rbk	Open
		Convert

If the following error occurs during the conversion, run the AcessDatabaseEngine.exe file in the NETUS installation path and install the driver.

ex) C:₩NETUS₩NETUS-Pro-> Run AccessDatabaseEngine.exe



사	이트 관리자									:	×
	장치 등록 📃 장기	치 그룹 등록									
		+	Ŀ							Q + []	ī
	장치검색 항목			모델	이름	IP(url)	МАС	포트(웹)	채널	버전	1
	192,168,100,32	00:0c:28:0b:32:c2	•	H6 DVR, NVR	DVRth_8Ch			7000(8000)		V2,2,0	
	50100 (80)	64 재일	•	H6 DVR, NVR	DVRts_슬림형장비			7000(8000)		V2.4.0	
	60700 (8000)	00-00-28-00-23-8a 8 채널	•	H6 DVR, NVR	DVRth_16Ch			7878(8000)		V2.4.0	
	192,168,100,35	00:23:63:70:be:a5	•	H6 DVR, NVR	DVR_2			7000(8000)		V2.2.0	
	50100 (80)	20 채널	•	H6 DVR, NVR	octnvr (NVR2)			7000(8000)		V2.4.1	
	192,168,100,39	00:0c:28:06:85:12	•	H6 DVR, NVR	DVR_1			7000(8000)		V2.2.0	
	50100(80)	48 채널		H6 DVR, NVR	telecopview_8Ch_2			7000(8000)		V2,4,1	
	192,168,100,58 50100 (80.)	00:0c:28:tb:td:1a 12 채널		H6 DVR, NVR	119			50100(80)	12	V1.6.077_12.10	
_	192,168,100,129	00:0c:28:ef:99:50			3brid			50100(80)	8	V1 4 078	
	50100 (61000)	4 채널			Advertised of the state			7000(0000)		11,1,070	
	192,168,100,60	00:0c:28:fa:ea:8d		HO DVR, NVR	telecopview_4Cn_1			7000(8000)	4	V2,4,1	
	50100 (80)	6 채널		H6 DVR, NVR	7brid			50100(80)	6	V1.6.066	
	192,168,100,109	00:0c:28:ff:aa:4c		H6 DVR, NVR	telecopview_16Ch_2			7000(8000)		V2,2,0	
	50100 (80)	24 채널	•	H6 DVR, NVR	telecopview_4Ch_2			7000(8000)		V2.4.1	
	192,168,100,119	00:0c:28:0b:33:4c	•	H6 DVR, NVR	telecopview_16Ch_1			7000(8000)		V2.2.0	
	50100(80)	12 세월	•	H6 DVR, NVR	5brid-c			50100(80)		V1.6.044	
			•	H6 DVR, NVR	DVR_ts2_16Ch_3			7000(8000)	8	V2.2.0	-
	기본	는 아이디 / 암호								적용	

If the file is uploaded well, the devices are added to the site manager after the uploading.

4. Tab Menu

III NETUS Pro				PM 02:26:20 💽 🗕 🗆 🗙			
🖿 Site 🚦	Live_1 O Play			+			
Search Q							
👔 Local system	NETUS						
لاقة Screen layouts 13 ك Favorite ■ Event list	NETUS						
PTZ Q O C Auto pan Auto focus Etc	NETUS						
Preset 1 - to to	+] 🎟 🐏 📣 🖭 🙆 🕒 💾 🗄	· _ 1 /	4 >	Ⅲ 4x4 ▼ [□]			

You can add a tab menu with the "Add Tab" (+) button on the top right.

Click the "Add Tab" button to see the menu bar on the right.

The types of tab menus are as below.



Add live display tab.

Playback (recording data)

Health manager (status of PC and recorders)

Event log



III NETUS Pro								PM 02:30:0	0 🖄 – G	∃×
☆∲₿₿₿₿										
Live_1 💿 Play	<u>اللہ</u> Health manager	x								+
	77.00						4. 54			
	11.0%			61.0	J%		1.5%			
	CPU usage			Memory	usage	Me	edia network	usage		
	77.07 100.0 %				3 00		1.57 100.0 M	ups		
Name	IP(url)	Link		Resolution	Hdd(GB)	FPS	Kbps	Record	Details	1
▶ 📼 4K-NVR_V1.7.035_1.13	lottegoduc7.powerddns.com		16						\$	
▶ 🚥 7brid_v1.6.064	000c280bd26a.powerddns.com			640 x 360	57 / 4000 , 1.425%	64	1508.25	Yes	\$	
>	oscar.powerddns.com		20		86 / 4000 , 2.15%			Yes	\$	
> === 5brid_3.0_v1.6.0061_16ch_1	par12.powerddns.com		20						\$	
▶ 5brid_3.0_v1.6.050_8ch_2	000c280bc2ea.powerddns.com				59 / 2000 , 2.95%			Yes	\$	
▶	star9.powerddns.com				61 / 2000 , 3.05%			Yes	\$	
▶ 🚥 5brid_3.0_v1.6.060_16ch_4	000c280bd38d.powerddns.com		20		90 / 2000 , 4.5%			Yes	\$	
▶ 5brid_3.0_v1.6.064_16ch_5_베트날	hanavina7.powerddns.com		20		136 / 7001 , 1.94258%			Yes	\$	
• 📼 5brid-c_v1.6.046_4ch_1	0023637437d9.powerddns.com		05		25 / 1000 , 2.5%			Yes	\$	
> === 5brid-c_v1.6.044_4ch_2	0023636d375f.powerddns.com		05		25 / 1000 , 2.5%			Yes	*	
▶ 5brid-c_v1.6.046_4ch_3	25016666.powerddns.com		05		30 / 1000 , 3%			Yes	\$	
▶ === 5brid-c_v1.6.046_8ch_4	00236371015c.powerddns.com		09		42 / 1000 , 4.2%			Yes	*	•
										[0]

Clicking an icon creates a new panel for the icon and adds a new items to the tab menu.

Click a tab to move to another tab, or double-click to rename a tab.

i CHANGE	×	
Tab Name Live_2		
		ок

You can separate the panels from NETUS-Pro by dragging the title of the tab with the mouse.



5. View live video

You can add a live panel by clicking the live button 🖵 in the "tab menu.

You can view the video of the currently connected device in real time on the live panel.

Up to 4 live panels can be added, and channels of video can be played live per each panel.

NETUS Pro PM 02:32:00 1 = 0 X								
☆▲゜自 目 🗉 🕕								
Site 271	Live_1 O Play	止. Health manager 🔒 Event mar	nager 👤 E-MAP	+				
Search Q ▲ ■ Local system ▲ > == 4K.NVR_V1.7.035_1.13 ▲ > == 7.tnd_v1.6.061 ▲ > == 7.tnd_v1.6.063_11.8 ▲ ■ 101 5.tnd_v1.6.061_16ch_1 > == 5.brid_3.0_v1.6.069_16ch_2 ▲	NETUS							
 020 Sbrid 3.0, v1.6.064 3ch, 3 020 Sbrid 3.0, v1.6.064 3ch, 4 020 Sbrid 3.0, v1.6.064 3ch, 5, 020 Sbrid 2, v1.6.044 3ch, 2 020 Sbrid 2, v1.6.044 3ch, 2 020 Sbrid 2, v1.6.044 3ch, 3 020 Sbrid 2, v1.6.046 3ch, 4 								
→								
PTZ Q O C Auto pan Auto focus Etc	NETUS							
Preset 1 - 😽 😽	+] 💷 🐏 📣 👥 🔯 🖿 🕂	<mark>?</mark> → 1 / 4						

To view live screen, drag the device from the list of registered sites with the mouse pointer and drop it on the lie panel to display all channels of the device. Or drag the camera connected to the device with the mouse pointer to play the video live by camera unit.

NETUS Pro				PM 02:33:27 🔳 🗕 🗆 🗙
¢ ≰° ≜ ⊞ ⊞ 0				
🛅 Site 271	E Live_1 O Play	🏦 Health manager 🔒 Event	manager 👤 E-MAP	+
Esarch C * 1 Local system	7/bindumiesteringenon 640/266 F5/5 7/bindumiesteringenon 640/266 F5/5 7/bindumiesteringenon 640/266 F5/5 F5/5	09-07-2020 FM 0232-48	Tohid yil 6009 IICH 80 Orio 7-2020 IIH 0232148 Orio 7-2020 IH 0232148 Orio 7-2020 IH 0232148 Orio 7-2020 IH 0232148 Orio 7-2020 IH 0232148	400 400 400 400 400 400 400 400
Email Sorrid-C v1.6.046 8ch 8 Sch 8 Sch 8 Favorite Event list				
PTZ Q O (-) Q O (-) Q O (-) Auto pan Auto focus Etc				
Preset1 + 15 15	* 🔸 🛥 🍨 📣 🔊 🙆 🖬 🗄	B+ 💣 🔷 🗠 1 /	4 ►	II III III III II 4×4 → [□]

If you double-click the display screen or change the resolution to 1x1 in the bottom menu, the selected channel is played live in high quality.



Live playback can be stopped by clicking the "Display Off" button in the bottom menu or by right-clicking the device on the side menu site tab and clicking the "Channel assignment" -> "All Channel deallocation".



Display Menu



When you move the mouse over the display screen, a menu bar appears at the bottom.

From the left, it is audio, snapshot, simple play, PTZ, digital zoom, and emergency recording.

- **Audio**: Activate/deactivate the audio of the corresponding channel.
- **Snapshot**: Capture the current live screen. The storage location can be set in Configuration > System > Snapshot file.

Simple play: Plays the recorded video of the channel. In simple play, you can use time search, pause, and snapshot functions.



- **PTZ**: In case of PTZ camera, simple PTZ function can be sued by clicking the button.
- **Digital zoom**: You can enlarge the image.
- **Emergency recording**: Records the live video of the corresponding channel. The storage location can be set in Configuration > System > Backup file.

Bottom Menu

+] 🖙 🔮 ◀) 👥 🙆 🖵 💾 🔐 💕

[0]

- **Side menu open / hide**: You can open or hide the side menu.
- **Emergency recording**: Records all the videos that are playing live on the current page.
- Microphone volume: Adjust the volume of the microphone used for two-way audio.
- Audio volume: Adjust the audio volume.

Two-way audio: Sends audio to the selected device using a microphone. Tap the combo box to select a device to use two-way audio.



- **Screenshot**: Captures and saves the screen of the panel you are currently viewing. The storage location can be set in Configuration > System > Snapshot file.
- Image filter: Apply a filter to the selected display screen.

None None
Sharper
Noise reduction
3 Brighter
H WDR
Apply to the channel

If you check "Apply to screen channel", the filter is applied to all images on the current page.

Event spot

Event spot is a function that displays an images in the area set in the live panel when an event (motion detection, sensor) occurs.

■ Clicking the event spot button in the bottom menu.



■ When you click display, the screen set as an event spot is displayed in red.

*** NETUS Pro				PM 02:38:17 🔳 🖃 🗙
¢⊥°≜≣≋⊕				
🖿 Site 2/1	🖵 Live_1 🔘 Play	📥 Ilealth manager 🗴 Event manager 🙎 E-MAP		+
Second Q • 10 Local system • • 100 HCAND, MJ 205, 513 • • 100 HCAND, MJ 205, 513 • • 100 HCAND, MJ 205, 513 • • 100 HCM, STARD, 164, 164, 1 • • 100 HCM, STARD, 164, 164, 1 • • 100 HCM, STARD, 164, 164, 14 • • 100 HCM, STARD, 164, 164, 14 • • 100 HCM, STARD, 1664, 164, 14 •				
 E. Stride_statut 4.6.2 E. Stride_statut 4.6.4 E. Stride_statut			NETUS	NETUS
Comparison of the second				NETUS
☆ Facorite I ■ Event lot I ↓ ↓				NETUS
Preset1 - 19 19	•] 🖙 🔮 4) 🏩 🙆 🖨 😤 •	e -	• • / 4 •	■ = :: ::: ::: :: :: :: :: ::: ::: ::: ::

You can set up to 16 event spots per a live panel.

If an event spot is set as an action for an event occurrence, the image of the set device is shown on the red display screen.

INETUS Pro				11:31:31 🕑 🗕 🗆 🗙
☆ ≜° 自 目 ∃ 0				
🖿 사이트 1 🕴	모 라이브_1 이 재생			+
김색 Q				
▲ 👔 로칠시스템 > 🗯 REC_000C280B334C	NETUS			
 하 최연분별 10 값 즐겨찾기 보 이번트 목록 				
프리셋1 - 73 87	+) 🚥 🐏 📣 👥 🙆 🖬 🗄	°	4 ►	

- Sequence

Sequence is a function that automatically switches the screen every set time.

■ Click the arrow next to the sequence button in the bottom menu.



• Setting sequence options in the sequence setting dialog box.

	CHANNEL SEQUENCE				
Screen layout	1 channel mode	•			
Sequence time	02 sec	•			
	ОК				

Click the sequence button to run the sequence.



- **Display off** : Removes all images displayed on the live panel.
- Move page 1 / 4 📂 : You can change the page of the live panel.
- Screen layout : (1 x 1), (2 x 2), (2 x 3), (3 x 3), (4 x 4) layout can be changed. Other layouts can custom layouts can be changed with the combo box to the right of the screen layout icon.
- Full screen : Displays the full screen of the current layout.

6. Playback

You can check video data recorded on the device in the playback panel. Only one device can be assigned to the playback panel.



Devices are assigned to the playback panel in the same way as for live playback (drag and drop, right-click menu). Playback can be operated using the playback control buttons.



Playback control



Start playing.

Stop playing.



Raise the speed by one level.

Take the speed down one level. When used in the stop state, it changes to reverse play.

"Quick play" button is a function to transmit the recorded data by lowering the frame and resolution of the recorded data in the DVR so that the recorded data of the DVR can be played back more quickly. As the frame and resolution of the video are reduced, it can be played back

faster than the existing playback. At the end of "Quick play", it is indicated by

II/step play During the "Quick play", you can play frame by frame through reverse step play



, and the reverse play button 🚺 is activated.

If the "Quick Play" function is disabled, playback is being performed on the device or another application connected to the device is playing.

- • + x	You can set the speed by moving the scroll.
All 💌	Combo box for setting the timeline filter. The timeline color changes
🖌 All	for each event.
Continues	All: All event colors are displayed.
Motion detection	Always: Green
Sensor 🗸	Motion detection: Red
	Sensor: Blue

Audio: Orange



Button increases or decreases the time interval of the timeline.

Expand the timeline so that you can see the timeline of multiple channels.

You can search using calendar. When you press the calendar button, the calendar is displayed the icon as below.



The mark in green means that there is video recording data. The blue dot is displayed if there is an index on that data. Index is a concept used to represent tat data is duplicated and recorded at the same time when the time of the device is changed.

You can leave a bookmark on the playback timeline and go directly to that time. Following is the way how to add it:

1. Leave a bookmark with the left mouse button on the playback timeline.



2. Click the Add Bookmark button.

!\

3. In the Add Bookmark dialog box, enter a name and description for the bookmark.

ADD BO	OKMARK	×
Name		
Desription		
	Apply	

4. Click the "Apply" button to complete the bookmark.

		►		, I	
	'	16:10	- ()	16:15
2.05	16	:08:	38		

The added bookmark can be used in event search in the bottom menu.

Bottom menu

In the playback panel, four menus are added to the bottom menu as below.



Event search: This is a function to search events and bookmarks in the set time zone.

S EVENT SEARCH				×
Event	· •			
10-12-2020 10:58:23	12-2020 11:58:23 🛔 🛅		Export	Search
Date & time	Event	Channel	Device na	me
0 item(s) found				Play

- 1. Event box: Search can be set as an event or a bookmark.
- 2. Index box: You can select an index to search.
- 3. Time setting: Searches for events within a set period.
- 4. Export: Searched events can be saved as csv files.
- 5. Play: Click an event in the list and press the play button to start playing from the selected event.

Time Search: Playback starts from the time set in the time search window.

TIME SEARCH			×
Search time	12 10-12-2020	AM 11:58:56	\$ Play

Backup: You can save the recorded data of the device assigned to the playback panel as rms and avi files.

백연			_		
				_	
백업 목록	파일 크기	진행표시	ĥ	장치 이름	REC_00236370BEA5
CH 01		준비	L	파일 이름	
CH 02		준비		212	C'Alcor Addor
🔲 📾 (CH 03		준비		9 <u>+</u>	
🖿 (CH 04		준비		폴더 이름	<u> </u>
🖿 (CH 05		준비		파일 형식	RMS 👻
CH 06		준비			
CH 07		준비		시작 시간	16:38:15
CH 08		준비		종료 시간	16:43:15 ↓
CH 09		준비		0.2	
🔲 🖴 CH 10		준비		예상 크기	<u>ج</u>
CH 11		준비			여유 공간 : 280GB
CH 12		준비		암호 사용	
CH 13		준비		암호	
CH 14		준비			
			•		전 시작 중시

Backup method

- 1. In the channel list on the right, check the channel that needs backup.
- 2. If you click on the channel list, the name of the currently selected channel is displayed in the file name edit box and you can edit it. A back up file is created for each channel with the file name.
- 3. Click this button to select the path where the file will be saved. The default path can be changed in Preference > System.
- 4. If you manaually check the folder name, you can put the folder name where the backup ifles will be saved. If you do not specify a folder name, the folder name is created with start time_end time.
- 5. Select the file format RMS or AVI. The default format is RMS.

- 6. Select the start time and end time of the video to be backed up.
- 7. Click the estimated size button to see the total size of the ifles to be created.
- 8. Free space displays the remaining drive space of the current storage path. If you use a password, you can set a password for the RMS file (AVI files are not possible.)
- **Backup player**: Runs a backup player that can play RMS files.

패 백업 플레이어 1.0.0.202 (202) 파이 비기 다그 다운마						-	□ ×
	III 25 36 49 🖳 🗐 🙆						
×			17 🔺 👍 🗕				
* 50							
2 0 c 10	16 20 21	: 30	95	40 46	50	EE	

7. Health Manager

You can add a health manager by clicking the status button in the "tab menu". In Health Manager, you can see the status of your PC and devices connected to NETUS at once. You can check your PC's CPU usage, memory usage, and media network usage in the graph at the top of the Health Manager.



You can check the status and information of the device connected to NETUS in the device list at bottom.

III NETUS Pro								15:57:33	t _	$\square \times$
☆ ≰° 自 目 ⊠ 0										
모 라이브_1 💿 재상	· · · · · · · · · · · · · · · · · · ·									+
	15.0% CPU 사용량 15.0 / 100.0 %			42. 11 도리 6.7/19	0% 사용량 5.9 GB	010	<mark>0.1%</mark> 	.사용량 bps		
이름		연결	채널	해상도	HDD(GB)		KBPS	녹화	상세설명	^
▶ □== 119	192,168,100,119				54 / 160 , 33,75%			ч	\$	
▶ IIIII 35	192,168,100,35				92 / 1000 , 9,2%			아니오	\$	
DVRth_8Ch	a60162321,telecopview,co,kr		08		40 / 2000 , 2%				\$	
▶ 🚥 DVRts_슬림형장비	60979472.telecopview.co.kr		04		21/1000,2,1%				\$	
DVRth_16Ch	000c280850e7.octdvr.co.kr				206 / 3000 , 6,86667%				\$	
DVR_2	60411918.octdvr.co.kr		04		22 / 1000 , 2,2%				\$	
▶ 🚥 octnvr (NVR2)	20408659.octnvr.co.kr				136 / 4000 , 3,4%				\$	
► 🚥 DVR_1	n61071580.octdvr.co.kr				54/2000,2.7%				\$	
▶ 🚥 telecopview_8Ch_2	61212898,telecopview.co.kr				56 / 2000 , 2,8%				\$	
▶ 🚥 3brid	000c280b8449,powerddns.com		08		38/2000,1,9%				\$	
▶ 🚥 telecopview_4Ch_1	61300988,telecopview.co.kr		04		22 / 2000 , 1,1%				\$	
🕨 🚥 7brid	01053425171,powerddns.com		06		175/6001,2,91618%				\$	
										[0]
					<u> </u>					

If you click the expand button on the left side of the list, you can check the information and status of cameras connected to the device.

- 1. Name: Displays the device name registered in NETUS-Pro.
- 2. Address: Shows the device's address. When IP is registered, it is output as IP, and when registered by DDNS, url address is displayed.
- 3. Connection: Shows whether the current device connection is IP, P2P, or Relay. It will not be displayed if the connection is lost.

- 4. Channel: Displays the number of device channels and camera channel numbers.
- 5. Resolution: Displays the resolution of the camera video currently playing on the live panel.
- 6. HDD: Displays the hard disk capacity of the device.
- 7. FPS: Displays the number of frames per second of the video.
- 8. KBPS: Displays the video's network usage per second in KB (kilobytes).
- 9. Record: Indicates whether camera video is being recorded. If even one is being recorded, the device will display "Yes".
- 10. Details: Click the Details button to open the "Health Details" window.

٩	HEALTH DETAIL INFORMATION	>	×
	Catagory	Status	
	Device name	Joanna_DEMO	
	Unique idenifier	AAA00000092.p2p, 000C280C6BB1	
	Max channel	16	
	Resolution	640 x 360	
	NT SC/PAL	NTSC	
	HDD(GB)	3558/4000, 89% (02-13-2020 , 10-12-2020), Overwrite	
	Record	No	

8. Event manager

You can add an event manager by clicking the event manager button in the "tab menu".

Event manager displays the event or device notification records added in "Settings".

For how to add an event, refer to "Settings" on page 42.

When an emergency event (network disconnection, no signal) occurs on the device, it is displayed in the event list on the side panel and automatically recorded as an event manager log.

III NETUS F	Pro			PM 02:20:57 🛃 = 🗗	×
\$ ₽ 🖯 🖽 🖼	0				
D Live_1	🔘 Play 🏨 Health manager	▲ Event manager X			+
10-12-2020 13:20:53	¢ 10-12-2020 14:20:53	event • All device • All action		Search	
2020-10-12 13 31 21		₹ Moton Event	Joanna_DEMO (5) (AAA000000002.p2p)	Popup Image	
2020-10-12 13:31:21		★ Moton Event	Joanna_DEMO (6) (AAA00000002 p2p)	Popus Image	
2020-10-12 13:31:21		₹ Meton Event	Joanna_DEMO (7) (AAA00000092 p2p)	Popup Image	
2020-10-12 13 31 21		★ Motion Event	Joanna_DEMO (8) (AAA00000002.p2p)	Popup Image	
2020-10-12 13:31:21		X Moton Event	Joanna_DEMO(1) (AAAJ00000092.p2p)	Popup Image	
2020-10-12 13:31:21		₹ Moton Event	Joanna_DEMO (2) (AAA00000092 p2p)	Popup Image	
2020-10-12 13 31 21		₹ Moton Event	Joanna_DEMO (3) (AAA00000002:p2p)	Popug Image	
2020-10-12 13 31 21		★ Moton Event	Joanna_DEMO (4) (AAA00000002.p2p.)	Popup image	
2020-10-12 13:31:27		R Moton Event	Joanna_DEM0 (1) (AAA00000002.p2p)	Рорир Ітаде	
2020-10-12 13:31:27		₹ Moton Event	Joanna_DEMD (2) (AAA000000012 p3p)	Popus image	
2020-10-12 13:31:27		₹ Moton Event	Joanna_DEMO (3) (AAA00000002.p2p)	Рорир Ітере	
2020-10-12 13:31:27		₹ Moton Event	Joanna_DEMD (4) (AAA00000002 p2p)	Popup Image	
2020-10-12 13:31:27		★ Moton Event	Joanna_DEMO (5) (AAA00000002,p2p)	Popup image	
2020-10-12 13:31:27		X Moton Event	Joanna_DEMO (6) (AAA000000092.p2p)	Popup Image	
2020-10-12 13:31:27		🐮 Motion Event	Joanna_DEMO (7) (AAA00000092.p2p)	Popup image	
2020-10-12 13:31:27		₹ Moton Event	Joanna_DEMD (8) (AAA00000092 p2p)	Popup Image	
16 event(s) found					
					[0]

You can search for events by selecting time, event type, device, and action type from the menu below.

- 1. Time Search: Searches for events by the set time.
- 2. Event Search: You can search for events by motion, sensor, or device notification. "Device Notification" indicates an emergency event.
- 3. Device Search: You can search all devices or only the events of a set device.
- 4. Action Search: You can search all actions or only the events of the set action.

9. E-MAP

E-MAP panel can be added by pressing E-MAP button in "Tab Menu".

E-Map is a function that visually indicates the location of the device using a map. Maps can be added in the E-Map tab of "Settings". For how to add an E-Map, refer to "Settings" on page 42.





- 1. Drag the map from the E-MAP tab of the side menu and drop it on the E-MAP tab, and use the controller to zoom the map to arrange the images.
- 2. Click the "Add E-MAP Item" button in the Map Items tab of the side menu.
- 3. When the E-MAP Item Properties window is displayed, enter the name and settings to be displayed on the E-MAP.
- 4. You can select a camera icon by selecting a fixed, PTZ, or dome camera from the camera box.
- 5. Select the direction the camera is looking at using the angle setting box.
- 6. You can set the location of the camera in detail by setting the x coordinate and y coordinate of the map.
- 7. Click the "Selected Camera" button to set the camera.

NETUS Pro						11:37:34	$\bullet = \Box \times$
☆ ≰° 自 目 ∃ 0							
E-MAP	모 라이브_1	 재생 	£ E-MAP ×				
김색 Q		XIA		THR C			
▲ 11 로급 시스템 상품 가산디지별단치	¥7.59 У.71375 2 смар 8е е 8	307 727	명동 포구 명동 포구 	े प्रेम म्ह्रार्थ इत्रान X	1보장 상 서초구	2787 1	
🛅 지도 항목]	이벤트 장치		5		27
		4421 ・) か か りの ・ にほか ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・ ・	▶ Emm REC_000C2808334C	42	과철시		X
	- 1 🏭 🙀 🦉 🕀						[D]

- 8. By designating a group name, cameras of the same group name can be viewed simultaneously in surveillance.
- 9. Complete the E-Map by creating several map items in the same way.



Bottom menu

In the E-MAP panel, the following five menus are added to the bottom menu.



- **Previous Map / Next Map:** If you specified the previous map or the next map when creating an E-Map, you can change to the corresponding map.
- **Direction display** : Displays the camera direction set in the map item.
- Live screen : Displays the live screen of the selected map item in a quick view.
- **Surveillance Monitoring** : Displays the items with the same group name as the selected map item in multi-view.

10.Site



On the site tab of the side menu, devices registered to NETUS-Pro are displayed.

Site tab configuration

- 1. In case of DVR/NVR, the recorder icon is displayed and the camera is indicated by the icon.
- 2. For cameras capable of PTZ, the PTZ icon is displayed at the right end.
- 3. For channels to which no camera is connected, the channel name is displayed in gray.
- 4. Below the recorder icon, a relay icon is displayed. You can turn the relay on

and off by double-clicking the switch button to the right of the relay icon.

Connection status

Depending on the device's status, a specific badge is attached to the recorder icon and camera icon.

- 1. If a device is assigned to the Live or Playback panel, it will be marked with a •green badge.
- 2. If the network or device is turned off and cannot be connected, a **•**red badge is displayed.
- 3. If the device ID or password is incorrect, a \triangle yellow warning badge is displayed.
- 4. If the device is reconnecting, a \bigcirc blue badge is displayed.

Context menu

You can use the context menu by clicking the right mouse button on the device list.



- Channel video

You can view channel video and turn off channel video in the channel video menu.

Channel assignment	►	View all channel images
Device Management	×	All channel deallocation
Device remote viewer		1 States
Device Information		

Device management

a. In the Device Management menu, you can remotely configure the device, reconnect

the device, and restart the device.



b. Device remote setup is a function that opens a web page where device setup is possible. You can use the functions that can be set in the DVR / NVR in the web service.

DVR Web Service Login							
ID Password	User Password	Login					
	Save id						

c. You can try to reconnect to a disconnected device by using the device reconnection function. You can restart the device using Restart Device. To restart, you need to log in with the admin account of NETUS-Pro and enter the password of the admin account.



- Device remote viewer

Device Remote View allows you to manipulate the device's screen without connecting a display to the device.



- Device information

Click Device Information to view the firmware version, NTSC/PAL, MAC, IP, Port, Web Port, and Login User for the selected device.



11. User display setting

From the side menu, click the "User Layout " button on the Split Screen tab to open the "User Favorites " window.

The split screen setting window consists of 8 X8 cells. Set this cell to the size you want to display. And tie it with the number 2 button. Repeat the settings above.

When the setting is complete, press the 3rd add button and the 4th apply button ends the setting.



If the split screen setting is properly applied, the screen setting added to the side panel split tab and the right combo box of the bottom menu will be shown. Click on the newly added screen to apply it to the panel.



12. Favorite

Using the Favorites function, you can save the live screen composition, the arrangement of the NETUS-Pro panels on the monitor, and the added tab menus. The playback tab is not registered to favorites.

How to add favorites

From the side menu or bottom menu, select the split screen to organize your favorites.



Drag and drop the devices to play live on the screen as favorites.



Click the Add Favorite button to enter the favorite name and click the Apply button to set the favorite.



How to apply favorites

1.Double-click the Favorites list on the side menu.

2.Drag and drop the favorites list from the side menu to the live panel.

3. Right-click on the Favorites list in the side menu and click the Apply button.





If you click the "Set as Default "button, when NETUS-Pro is launched, it will run as the default setting. You can edit and delete bookmarks with the edit and delete buttons.

13. Event list

The problem with the device is a lively setting or event " Event Notification " If you operate in , side- menu of the event list is written notifications.



You can filter the events to be displayed in the event list with the event filter function.

EVENT FILTER		×
Event type	All	•
		Apply

Click the list item to display the trash can icon, and click the icon to delete the item. Events displayed in the event list can be checked again in the event manager.



14. PTZ

PTZ								
★ ▲ ▲ ▲ ▲ ▲ ▲	• • •	0 3 1						
^{II} Auto pan	Auto focus	Etc						
Preset 1	*	ି ଟ						

You can use the PTZ function of the connected device in the PTZ tab of the side menu.

- **Pan function** : Move the camera to select the direction of the arrow.
- - Speed setting : Set the camera movement speed.
- - Zoom the In / Zoom Out : The zoom in / out the camera view.
- - Iris : Opens and closes the camera iris.
- - Focus : Sets the camera's focus.
- - Auto Pan : The camera automatically rotated.
- - Auto Focus : The camera automatically match the camera's focus.
- **Others** : You can set up a tour, light, wiper and washer. It works only if the camera has the function. Click the Other button to display the corresponding menu.

Tour	×
Light	×
Wiper	×
Washer	Þ

- Tour: The camera moves in the preset order.
- Light: Turns the camera light on and off.
- Wiper: Activates the camera wiper.
- Washer: Cleans the camera lens.

- **Preset** : the user to set the desired time of up to 256, you can immediately move the camera to that position.
- Preset Move : Move to the preset selected in the combo box.
- Preset setting : Save Preset Select the current position in the combo box.

15. Setting

User, event, and E-MAP can be set by pressing the setting button in the system menu.

[User]

You can add, delete, and manage users of NETUS-Pro.

User setting

You can create a new user to log into NETUS-Pro.

New user registration can only be registered with the " admin " account.



How to register

- 1. Click the "Add " button on the User tab to create a new user.
- 2. Specify the user group in " Group " . The functions available to users vary depending on the group.
- 3. If you set the group " fix permissions ", click the button to set up your device, use favorites.
 - a. Set the permissions set for the user. The group "No" if set to "fix permissions" you can set the permissions in this step.

	USER AUTHORITY			×
	Permissions	Devices	Favorites	
Peri	missions			
	Function	Description		
		User / Event / E-MAP		
\checkmark		PTZ function control		
\checkmark		Snapshot function		
\checkmark				
\checkmark				
\checkmark	E-MAP			
			Ok	

- b. On the Device tab, users can set up the device to be used. Click the arrow button in the center to add a device.
- c. In the Favorite tab, users can set up the favorites to be used. Click the arrow button in the center to set a favorite.



- d. Click the "OK" button to finish editing the authority.
- 1. Enter your user name in " Name " .
- 2. Enter the user ID in the "ID " field. ID can be set up to 12 digits and can only be composed of numbers and alphabets.
- 3. Enter the user password in the "Password " field. The password must be at least 8 digits and no more than 12 digits, and must contain at least one letter, number, and special character. Also, you cannot use the same character or consecutive characters more than three times.
- 4. You can set the password expiration date through the "Password expiration notification " check box. The password expiration date is set to 3 months by default.
- 5. Click the "Apply " button and log in as the created user after the program ends.

Add user group

	SET GROUP PERMISS	SIONS	× 🖿	USER AUTHORITY SET	TTING	×
Per	missions		Grou	up Name		
#	Group name	Description	Desc	cription		
				Function	Description	
				PTZ	PTZ function control	
			\checkmark	Audio	Audio input / output control	
			\checkmark	Emergency recording	Emergency recording function	
				Snapshot	Snapshot function	
				Playback	Playback view	
				Backup	Backup function	
				Health manager	Health manager view	
				Log	Log view	
				E-MAP	E-MAP view	
	Add Modify	Delete	pply			Add

You can create a new user group in the admin account.

- 1. Click the "User Group " button
- 2. Click the " Add " button
- 3. Enter the group name and group description (optional), and check the privileges to be included in the new group.
- 4. Click "Add " button to complete group creation.
- 5. Click the "Apply " button to save the created group.
- 6. You can check the newly created user group in the " Group " combo box.
- 7. "Modify Permissions " on the button, you can check the permissions of the currently selected group of users.

[Event]

When a recording event (motion detection, sensor) occurs in the connected device, a specific action can be triggered in NETUS-Pro.

\$	SETUP								×
		💄 User	Event	2	E-MAP				
						٩	+ Add	Modify	Delete
	On	Event	Source		Action		Target	Optio	n
		Motion Detection	No Device	Popup image		No Device			
	\checkmark	Motion Detection	No Device	Popup image		No Device			
	\checkmark	Motion Detection	No Device	Popup image		No Device			
	\checkmark	Motion Detection	No Device	Popup image		No Device			
	\checkmark	Motion Detection	No Device	Popup image		No Device			
	\checkmark	Motion Detection	No Device	Popup image		No Device			
	\checkmark	Motion Detection	No Device	Popup image		No Device			
	\checkmark	Motion Detection	No Device	Popup image		No Device			
	\checkmark	Motion Detection	No Device	Popup image		No Device			•
	vent —				Action				
	Тур	e Motion detection			Do	Popup image			
	Dovio	a No device			Doution	No dovico			
	Devic				Device	No device			
	С	h Ch 1							
			Apply to other site	Schedule					
Comn	nents:								
									Apply

Event setting method

1. Click the " Add " button in the Events tab .

	×
Devices	
l	Q
Source	
Joanna_DEMO	
Set the operating device with the same device	
Ok	

2. In the " Device List " dialog box, select the channels of devices to set the event.

3. If you check " Set operating device with same device", you can set the action for the event with the same device as the device where the event occurred.

4. Click the " OK " button.

5. In the "Event Options Settings " dialog box, set the event type and the NETUS behavior when the event occurs.

Ex) PTZ preset is executed when motion event is detected.

6. Click " OK " button to create an event.

• Action type

EVENT	OPTION SETTINGS	×
Event —		
Туре	Motion detection	-
Operate		
Operate	PTZ preset]
PTZ preset	Preset 1	•
		Ok

- 1. PTZ Preset : Move to the set position of the camera viewpoint
- 2. **Event Spot** : On the screen set as an event spot, video is output to the event spot set when an event occurs (up to 16 per live panel), Live 1, 2, 3, 4 of the combo box are on the tab menu. Means the live panel number. You can set up to 16 event spots per live panel.
- 3. **Audio output** : When an event occurs, the set sound can be output. You can set the desired sound by registering the wav file by using the " Open " button.
- 4. **Quick View** : This is a function that pops up the video on the monitor. If there are multiple monitors, you can select the monitor number. Up to 16 quick views can be popped up.
- 5. **Pop-up image** : When an event occurs, the video currently being played is captured and displayed, and the image is saved. In "Preferences", "Use pop-up image " should be checked in the pop- up tab .
- 6. **Event Notification** : Displays the events that have occurred in the event list on the side panel.

7. **Notification pop-up**: Displays the occurred event as a notification pop-up. In "Preferences", "Use notification pop-up" should be checked in the pop- up tab.

[E-MAP]

E-MAP can intuitively determine the camera location using a map image. To use E-MAP, you need to register the map image in " Settings ".

How to set up E-MAP

1. Click the " Add " button in the E-MAP tab .

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- 2. Enter the name and ID of the E-MAP.
- 3. E-MAP groups can be created by clicking the group box. Please group related maps.
- 4. If you connect E-MAP using the previous map and the next map, you can easily switch E-MAP with the page button on the E-MAP panel.
- 5. Click the " Open File " button to register the map image.
- 6. Click "Apply " button to finish E-MAP registration.
- 7. You can check the added E-MAP by selecting the E-MAP panel from the tab menu.

16. Sigma account registration

If you register a Sigma Server account, you can download pre-registered devices from Sigma Server without having to register devices in the site administrator.

After signing up for Sigma Server on the mobile app, you can register your Sigma account with NETUS-Pro.

Sigma account registration

It can be used after entering the sigma host name in Environment Settings> Others.

		×
System	Session restoring	
Display	System auto lock	
Log	System auto lock 🛛 🗸 🗸	
Рорир	Full screen start	
Etc	Start the program in full screen	
	Sigma server host name Host name Q	
	Apply setting Address list, event, user info included Import Export	
	Ok Cancel	

When host registration is complete, click the Subscriber Registration button in the system menu to open the Subscriber Setting window. Click the Add Subscriber button to enter the Subscriber Login page.

▲ [©] USER SETTINGS ×	USER LOGIN PAGE
+≌ ∪ser 	User login
User	
	=== NETUS
	Jiser ID @ netus.cctvuser.net
	User password
Apply	Log in

Enter the subscriber ID and subscriber password and click the "Login" button. If the Sigma account has been added to the subscriber setting window, click the "Apply" button to complete the registration.

If subscriber registration is complete, you can see that the Sigma Server device has been added to the site tab.



Sigma account can be edited or deleted by using the Modify Subscriber button and Delete

Subscriber button

Sign in with Sigma account

Upon login, you can log in to NETUS-Pro with your Sigma account. In this case, locally registered devices cannot be loaded.

Check " Sigma Server User ", enter the Sigma account ID and password, and log in.

If a Sigma account is registered in the subscriber setting window, it will operate the same even if you do not check " Sigma Server User " and add a host name to the ID. E x) account@host

NETUS		×
	netusdemo	
	•••••	E
	암호 저장 자동 로그인	
	전체 화면 시작	
	🗸 시그마 서버 사용자	
		1.0.0.46

When logging in with a sigma account, only devices of that sigma server are displayed on the site tab.



17. Preferences

You can manage the settings of NETUS-Pro from the Environment Settings button in the system menu.

System

You can set the language, date display, and resolution of NETUS-Pro .

			×
System Device	Language English	•	
Display Log	Date & time format		
Рорир		▼ 12 HOURS (AM/PM) ▼	
Etc	Directory		
	Snapshot file	C:/Users/QA/Pictures	Directory
	Backup file	C:/Users/QA/Videos	Directory
	Auto Login Auto Login Automatic login	at program start.	
	Support resolution FullHD (Recommand	n) ~	
		Ok	Cancel

Language : You can set the language of NETUS-Pro.

Date & Time Format: Displays the time and log recording date on the display screen in the selected format.

Path : Select the path to save the video snapshot and backup file.

Automatic login : Automatically log in as the last logged in user when running.

Device

		×
System Device	Channel name Vse device's channel name	
Display	Connection	
Log	Reconnect interval 🛛 🕶	
Рорир	Resolution	
Etc	High resolution mode	
	Ok Cancel	

These are settings for devices connected to NETUS-Pro .

Device Channel Name : When displaying the device's channel, it is displayed as the channel name specified by the device. When unchecked, the device name set in NETUS-Pro is displayed.

Reconnection Interval : Reconnection to unconnected equipment is attempted at a set **interval** . If you have many connected devices, setting a longer cycle will help improve performance.

High Resolution Mode: Streams all display screens on the live panel in high resolution. Depending on the device specifications, only some screens may appear in high resolution.

Screen

		×
System	OSD display	
Display	 ✓ Date time ✓ Channel name 	
Log Popup	 ✓ Resolution, fps ✓ Control menu 	
Etc	Aspect ratio	
	Default aspect ratio	
	Ok Cancel	

Set the display screen on which the video is displayed.

OSD Display : Displays the checked item on the display screen.

- 1. Recording status: During recording, a red icon is displayed.
- 2. Date and time: The date and time are displayed.
- 3. Channel name: The channel name is displayed.
- 4. Resolution, FPS: Displays the resolution and FPS of the video currently playing.
- 5. Control Menu: When you mouse over the display screen, the menu bar is displayed at the bottom of the screen.

Original resolution ratio : When checked, the display screen is shown in the original resolution ratio.

Log

This is the setting for logs output from the log manager and event manager.

					>	<
System	System log manager					
Device	Storage period	3 month	•			
Display	Output number	1000	•			
Log	Event log					
Рорир	Storage period	3 month	•			
Etc	Output number	1000				
)k	Cancel	

System Log : Set the storage period and maximum number of logs output from "Log Manager ".

Event Log : Set the storage period and maximum number of logs output from " Event Manager " .

Pop-up

						×
System	Popup image					
Device	Vse popup image					
Display	Maximum item quantity	4	•			
Log	Maximum storage	100 MB	•			МВ
Рорир				Storage availab	le	- MB
Etc	Set same directory to	snapshot				
	Popup image file	C:/Users/QA/Pictures				
	Alarm popup					
			Ok		Cancel	

Set the pop-up image and notification pop-up.

Use pop-up image : Activates the button to open the pop-up image window of the system menu .

Maximum list items: Set the maximum number of images to be displayed in the pop-up image window.

Maximum storage capacity : Set the maximum allowable capacity required for saving pop-up images.

Use the same path as the snapshot: When checked, the path to save the pop-up image is set to the same path as the snapshot path saved in the System tab.

Notification Popup : Displays a notification popup when an event that operates as a notification popup is set in " Event Settings " .

Etc.

		×
System Device	Session restoring Restoring recently connected sessions when program starts	
Display	System auto lock	
Log	System auto lock None 👻	
Рорир	Full screen start	
Etc	Start the program in full screen	
	Sigma server host name	
	netus.cctvuser.net Q	
	Apply setting	
	Address list, event, user info included	
	Import Export	
	Ok Cancel	

These are settings for other functions provided by NETUS-Pro.

Session Restore NETUS-Pro immediately before the end at the beginning: the start of the program in the same state (device connection, layout, etc).

Automatic system lock : NETUS-Pro is locked after the set time has elapsed. You can unlock it by clicking the tray icon on the desktop taskbar.

Full Screen Start : Starts in full screen when NETUS-Pro starts.

Apply settings : Save or load NETUS-Pro setting information, address book, and user information as a file.

If you check "Include address book, event and user information ", you can import or export only .db3 files that include address book, event, and user information.

If you uncheck " Include address book, event, user information ", you can also import or export the .xml file that stores the setting information.

18. Log Manager

You can search NETUS-Pro logs and device logs from the Log Manager button in the system menu

Log manager configuration

E	LC	G MAN	MANAGER									×		
	Sys	tem		ι	Jser		I	Device						
s	earch								Date & time		Log		Descr	iption
	•	Oct		2	020	ŧ	►							
	Sun	Mon	Tue	Wed	Thu		Sat							
	27	28	29	30	1	2	3							
	4	5	6	7	8	9	10							
	11	12	13	14	15	16	17							
	18	19	20	21	22	23	24							
	25	26	27	28	29	30	31							
	1	2	3	4	5	6	7							
	Start ti	me	10-1	1-2020	15:10:3	7	€ 10							
	End tin	ne	10-1	2-2020	15:10:3	7	♦ 113							
	De	elete		Clear		Sea	rch							
5	earch d	puon												
	Log ty	pe	AII				_							
						Ар	oly							
									Total log quantity : 0					
						Ba	ckup		iona iog daaring i o		ŀ	• 1 / 1 ►		

Log Manager consists of three tabs: System, User, and Device.

E LOG MANAG	ER	LOG MANAGER										
System	User	Device										

The date when the log is recorded is indicated in green on the left calendar.

•	Oc	t 👻	▼ 2020			
Sun	Mon	Tue	Wed	Thu	Fri	Sat
27	28	29	30	1	2	3
4	5	6	ż	8	9	10
11	12	13	14	15	16	17
18	19	20	21	22	23	24
25	26	27	28	29	30	31
1	2	3	4	5	6	7

Click on a date with a log in the calendar to get the log for that date.

E LOG MAN	LOG MANAGER X							
System	U	ser		Device	e			
Search					Date & time	Log	Description	
 Oct 	t 🔻 20	20	ŧ	•	10-05-2020 AM 09:19:59	Start system		
Sun Mon	Tue Wed	Thu		Sat	10-05-2020 AM 09:20:03	System log in	admin	
27 28	29 30	1	2	3	10-05-2020 AM 09:20:41	Shut down system		
4 5	 6 7	8	9	10	10-05-2020 AM 09:20:48	Start system		
11 12	13 14	15	16	17	10-05-2020 AM 09:20:51	System log in	admin	
18 19	20 21	22	23	24	10-05-2020 AM 09:21:18	Shut down system		
25 26	27 28	20	30	34	10-05-2020 AM 09:21:26	NTP time synchronization		
1 2	2 4	5	6	7	10-05-2020 AM 09:22:21	Start system		
	J 4	5	0	·	10-05-2020 AM 09:22:33	System log in	admin	
Start time	10-11-2020 1	15:10:37	•		10-05-2020 AM 09:23:10	Setting has been changed	admin	
End time	10-12-2020	15:10:37	r \$: 103	10-05-2020 AM 09:23:12	Shut down system		
Delete					10-05-2020 AM 09:23:44	Start system		
Delete	Clear		Searc	in	10-05-2020 AM 09:23:49	System log in	admin	
Search option					10-05-2020 AM 09:38:05	Start system		
Log time	All				10-05-2020 AM 09:38:10	System log in	admin	
Log type	AII				10-05-2020 PM 01:27:09	Start system		
			Appl	y	10-05-2020 PM 01:27:14	System log in	admin	
					10-05-2020 PM 01:34:45	Start system		
					10-05-2020 PM 01:34:49	System log in	admin	
					10-05-2020 PM 01:38:58	Start system		
					Total log quantity : 21			
			Back	kup		◄ 1 / 2 ►		

You can search, reset, and delete logs using the buttons in the image below. Device logs do not provide a delete function.



Set the "Start Time " and "End Time " and click the "Search Button " to retrieve logs of multiple dates at once. You can also select a date by tapping the calendar shape.

You can delete the log by clicking the " Delete " button.

You can clear the searched log list by clicking the "Reset " button.

You can export the retrieved log to a csv file.



You can extract the logs shown in the current list into csv files with the "Backup " button.

System log

Shows logs of major NETUS-Pro operations.

You can filter the logs through " Search Options " .

Search option							
Log type	All	-					
		Apply					

User log

Displays logs for NETUS-Pro users. The deleted user is displayed as Unknown user and the ID before deletion is displayed in the description field.

You can filter by user group, user and log by using the combo box in " Search Options " .

Search option							
User group	All	•					
User	All	•					
Log	All	•					
		Apply					

Device log

You can search the logs recorded on the devices connected to NETUS-Pro.

Select a device to retrieve logs from the site combo box and click the event to search in the event combo box. The maximum number of logs that can be retrieved from the device log is 10000. If it exceeds 10000, set the event you want to search in the event combo box.

Search		
Site	000C280C6BB1	•
Event	All event	•

If there is an index in the device currently selected in the calendar in the " Device " tab, a blue

dot will be displayed on the date.



Clicking on a date with an index displays the index selection menu as shown in the image below.

Click on the desired index to search the log of that index.

目 LOG MANAGER X									
System	System User			Device					
Search	arch					Date & time	Channel	Log	Description
Site	Joanna DEMO					10-01-2020 AM 06:56:28	05	Motion Event	Ch: 5
Even t						10-01-2020 AM 06:56:28	06	Motion Event	Ch: 6
Event	Allevent					10-01-2020 AM 06:56:28	07	Motion Event	Ch: 7
 Oct 	▼ 20)20	ŧ	•		10-01-2020 AM 06:56:28	08	Motion Event	Ch: 8
Sun Mon	Tue Wed	Thu		Sat		10-01-2020 AM 06:56:28	01	Motion Event	Ch: 1
27 28	29 30	1		3		10-01-2020 AM 06:56:28	02	Motion Event	Ch: 2
· · · 4 5	67	8		10		10-01-2020 AM 06:56:28	03	Motion Event	Ch: 3
11 12	13 14	15	16	17		10-01-2020 AM 06:56:28	04	Motion Event	Ch: 4
18 19	20 21	22	23	24		10-01-2020 AM 06:57:58	05	Motion Event	Ch: 5
25 26	27 28	29	30	31		10-01-2020 AM 06:57:58	06	Motion Event	Ch: 6
1 2	3 4	5	6	7		10-01-2020 AM 06:57:58	07	Motion Event	Ch: 7
Start time	10-12-2020 00:00:00) ≜ #			10-01-2020 AM 06:57:58	08	Motion Event	Ch: 8
Start time	10-12-2020				10-01-2020 PM 12:37:54	05	Motion Event	Ch: 5	
End time	10-12-2020	15:10:3	7	€ 10		10-01-2020 PM 12:37:54	06	Motion Event	Ch: 6
Current index	Clear		Sea	rch		10-01-2020 PM 12:37:54	07	Motion Event	Ch: 7
						10-01-2020 PM 12:37:54	08	Motion Event	Ch: 8
Search optio	n					10-01-2020 PM 12:37:54	01	Motion Event	Ch: 1
Event	All					10-01-2020 PM 12:37:54	02	Motion Event	Ch: 2
			Apply	ply		10-01-2020 PM 12:37:54	03	Motion Event	Ch: 3
						10-01-2020 PM 12:37:54	04	Motion Event	Ch: 4
			Ba	ckup	Total	log quantity : 32	(◀ 1 / 2 ►	

The index is created automatically when you change the device time. Logs remaining after the time change is displayed in the current index. Logs recorded before the time change are treated as past indexes, and each time the device time is changed, indexes are assigned in order from 201.

When you click the calendar, the index of the recorded logs for that date is displayed on the left of the reset button. You can reset the searched logs and filters by pressing the reset button.



In the "Devices " tab, you can also filter the logs through "Search Options ". The event filter combo box of the device log is automatically changed according to the type of searched events.

Search optio	n	
Event	All	
		Apply

19. Pop-up image

You can open a pop-up window from the pop- up image button in the system menu.

Pop-up image function is a function that captures the video of the event occurrence time and outputs and saves it in the pop-up image window when the event action added in " Settings " is a pop-up image. The saving path of the pop-up image is available in Preferences> Pop-up tab.



Clicking the Popup Image button opens the Popup Image window.

Drag the image popup window to the right side of the live panel to dock the popup image window to the current panel.

III NETUS Pro				13:34:18 🚺 🗕 🗖 🗙	ĸ
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Image CH 05 Image CH 07 Image CH 08 Image CH 09 Image CH 10 Image CH 12					
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If "Popup Image " is set as the action in the event setting, the image captured when the event occurs is displayed in the popup image window.

III NETUS Pro				13:39:39 🗈 🗕 🗆 🗙
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CH 05 CH 05 CH 07 CH 07 MIK CH 07 MIK CH 09 MIK CH 11 MIK CH 11	NETUS			
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Thank you.