

User Manual of VMS

Version 1.1



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1. Introduction

Thank you for using our VMS, if you have any problems or doubts when using the products and software, please contact us anytime.

About this user manual

This User Manual is for VMS software, it is used as a guide. The photos, graphics, charts and illustrations provided in this user manual are only used to explain and illustrate the purpose, they may be different from the specific product, please refer to the actual object.

In this User Manual it is possible that we have some incorrect, or some features and operations that are not compatible with the App, or other printing mistakes. We will update the content of this User Manual according to the features upgrading or verifying, and we will improve and upgrade the description of the products. The new content may not be notified in this User Manual.

Software environment

Operating System: Windows 7 /Windows 8 /Windows 8.1 /Windows Server 2012 /Windows Server 2008 R2 /Win10 (32,64-bit operating system)

CPU:Intel Pentium IV 3.0 GHz or above

1



RAM:1G or above

Display: 1024*768 resolution or above

GPU:256M or above

Note: Preview more channel or higher resolution videos at the same time requires higher requirement.

Software Performance

- 1. Software maximum support add 1024 devices.
- 2. Software maximum support 128 channels preview at same time.
- 3. Software maximum support 9 channels playback at same time, 4

channels synchronous playback.

2 Install and Uninstall

VMS server system including the VMS server, Recorder Server and the Event Server.

2.1 Install

Perform this task to install the VMS.

- Double click the CMS
 Software .
- 2. After installed , you will see the 4 icons:CMS Client, Recorder Server, CMS Server, Event server.





2.2 Uninstall

Perform this task to Uninstall the CMS.

Steps

- 1. Right click the CMS Client Icon, Open the path of the file.
- 2. Find the unins000.exe in CMS folder, double click it, and follow the guide to uninstall it.

🛃 unins000.exe

3 Login

Need login the VMS to operation the software. Perform this task to login the VMS.

Steps



1. Double click Protect CMS

icon in the PC desktop.

- 2. Input the user name and password then
- 3. Click Login directly.



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User name: Default name is "admin".

Password: Default password is "admin".

For security, suggest modify the Password after the first Login. Modify Password, please refer to

Save: Save username and password. It is checked by default. Auto Login: Automatically login next time. Language: Support English,,Español.

4 Operation Interface Introduce

After login, you will access the following control panel interface. All the functions can be found in this page, after login the VMS.





It could be divided into 4 parts as the picture shows:

- 1. Control Panel-Including the Preview(Live video), Playback, E-Map, Alarm Center, Monitor Plan;
- 2. Event Alarm Quick Bar-It will show the notification when device alarm happens;
- 3. Maintenance-Support to control the Device, Event Alarm, Record, VMS system configure;
- 4. **Top Status Bar-**It will show the Downloading list,System time,Cloud Account,and other quick setting icons.
- 1. Control Panel

Preview: User can choose the added device and check the Live view. Set the Screen divisions, PTZ controlling, Remote Config setting, Stream type setting, Local record/ snapshot in Preview page. For details, please refer to <u>5.1 Play Live Video</u>

Add Screen: Support to add another Live video screen page display on other Screens. For details, please refer to <u>5.2 Add Screen</u>

Playback: Support to Playback and download the records from Device or Record Server. For details, please refer to 6.Playback

R

E-Map: Support to add an Image as Map, and place the device on the Map. Easy to control and monitor the device. For details, please refer to

Alarm Center: Support to check the device alarm event type, snapshot and etc.

For details, please refer to 7.2 Alarm Center



Monitor Plan: Support to set the different Views/Channels and set schedules to play the live video on screen. Details Reference from

2. Event Quick Bar



Support to show the Alarm notification on the Event Quick Bar. For details, please refer to 7.2.1 Event Alarm Quick Bar

3. Maintenance



Device: Support to check the device list, add device and edit the devices. For details,

please refer to

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Account: Support to modify the account password, create account and etc...For details, please refer to <u>8. Account</u>

Config: Support to set the VMS system configuration: Set the download Recorder/Picture file save folder/path and etc...For details, please refer to <u>9.System</u> <u>Configuration</u>

£

Event: Support to set the device Event Alarm notification and other actions on VMS. For details, please refer to <u>7.1 Device Event Alarm Configure</u>

Record: Support to set the Device/Storage Server recording Plan . For details, please refer to Record Plan Configure

Log search: Support to search and backup the VMS log. For details, please refer to <u>9.2</u> Log Search

Help Center: For details, please refer to 9.3 Help Center

4. Top Status Bar

Downloading list: when downloading the video, click the icon to check the downloading list.

2023/01/10 14:26 System Time

Cloud Account: User can login the Cloud account (Register from Cloud web, APP),get and add the device from Cloud Account. Details reference **4.1-Add Device by** <u>Cloud Account</u>

admin

User status:Support to check the current user information, Modify password,Switch user,Cancel Automatic login



from VMS.

Settings: >System-It will go to the device list

>Tool-It will open the Video Play,it could play the video that downloaded

>Help-It will go to the Help Center, For details, please refer to 9.3 Help

Center.

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>About-It will show the VMS software version and release time.

PC Status: Move the cursor on the top of this icon, it will show the Computer



CPU/Memory/Network Status.

Back: Click the Back Icon, the float windows will back to main window.

-Preview interface as tab page in Main window.



The tab page(Preview,Alarm Center..) support to be dragged as a independent window.

Click the Lock icon, the independent flot window will back to the main window as

the tab page.

Lock:Click to lock the VMS, It will lock the interface, and couldn't be operated. Click the **Unlock** input the password to unlock the VMS.

InVide Protect CMS V8.1.43	25			<u>↓</u> 2023/01/10 14:29	admin 🕚	
🗄 Control Panel 🛛 😡 Mon	itor Plan 🛛 🔣 Alarm Center	Preview	🗟 Maintenance			
Preview					Mainte	enance
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	+				ළ	Account
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Common A	pplication	Program inter locked!	face Unlock		4	Event
	1	<u> </u>	-			Record
Playback	E-Map	Alarm Center	Monitor Plan			Log search
					Help C	enter
					Ø	Help Center
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5 Device Management

5.1 Add Devices

VMS support to add the Local Private/Onvif Protocol IPC,NVR and DVR(Add by IP address). Also support to add the device which connect the P2P server(Add by Cloud ID/Account).

E Control Panel						
Preview				Maint	tenance Device	
Preview	+ Add Screen			2	Account	
Common Application	١			© 4	Config Event	
		Ļ	Monitor Plan	Ð	Record	
Playback	E-Map	Alarm Center	Monitor Plan		Log search	
				Help	Center	
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Click the **Device** on the right side

	CMS V8.	1.43.25						± 2023/	01/10 14:32	🐵 adr	min ~ 💿	
🗄 Control Panel	- 60	Monitor Plan	🗟 Alarm Cen	ter 🖵	Preview	🔣 Maintena	nce ×					
Ē		Add × Delete	t Upgrade 🗢 Re	fresh					Total	(4/4) Filter		
Device		Device Name	🗘 Mode	Type	Model	Address	Port	CloudID	Status(1)	Operat	ion	Upgrade
Device		192.168.120.211	IP/Domain	NVR		192.168.120.211	34567	TTks95jifhkk	Offline			
-		192.168.120.118	IP/Domain		IPC7D816	192.168.120.118	34567	um000000000	Online			
Group		192.168.120.19	IP/Domain	IPC		192.168.120.19	34567	tdkshgypfduf	Offline			
Account		192.168.120.130	IP/Domain			192.168.120.130	34567	um0000000000	Offline	<u> </u>	₽¢×…	
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Die Event												
Record												
Log search	۹	Search + Add 星	🛛 Invid-1 🗌 or	nvif					Total (10	0/10) Filter		
E Log search		Address	🗘 Port	Type	Model	CloudID	MAC	Add	i Status 🛛 🛛 🛛	peration	Version	
		192.168.120.211	34567	NVR	NVR401S-8P8	TTks95jifhkk	00:04:56:ab:d	10:3a 🛛 🔼	dded 🛛 🖳]⊕ø	V500.0003.R0	08.4021.C0115.B353.
		192.168.120.42	34567	NVR	NVR602S-16P16	tdkshbr6trq2	00:6f:56:4e:3	c:13 Not	Added 🗜]⊕ø	V500.0003.R0	08.4020.C0115.B355.
		192.168.120.118	34567	IPCamera	IPC7D816	um000000000	00:5d:01:37:1	l6:7b 🔼	dded 🛛 🖳]⊕ Ø	V500.R006.F1	1.0208.C0000.B010
		192.168.120.19	34567	IPCamera	IPC714557	tdkshgypfduf	00:47:4b:39:3	la:1d 📃 🗛	dded 🛛 🗜]	V500.R010.E5	06.03D8.C0115.B018
		192.168.120.130	34567	IPCamera	IPC714557		00:43:01:40:1	5:6a 📃 🗛	dded 🔄 🖳]⊕ø		06.0378.C0043.B021
		192.168.120.31	34567	IPCamera	IPC714557	tdksrh986gru	00:46:b8:11:c	:2:55 Not	Added 🔄] 🌐 🛢	V500.R010.E5	06.03C5.C0000.B021
		192.168.120.81	34567	IPCamera	IPC61381A	um000000000	00:66:2f:52:3	e:39 Not	Added 🖳] 🌐 💋	V500.R010.E5	B.0000.C0000.B011
		192.168.120.8	34567	IPCamera	IPC813816	tdks3ivt6gau	00:46:b8:0f:f5	5:4b Not	Added 🖳] 🌐 🙋	V500.R009.E5	03.0282.C0043.B008
									4.444 A] 🌐 🔊		
		192.168.120.32	34567	IPCamera	IPC6A816	tdksmjpxs56u	00:46:b8:0d:4	12:c2 Not	Added 🖳	1 (U) (C	V500.R008.E1	43.02F0.C0000.B013

5.1.1 Auto-Search and Add Online Device

It suitable for adding devices in batches under Local Network.



Perform this task to add the LAN online devices

Steps

1. Go to Maintain-Device ,Choose the Protocol InVid, Onvif you want to search in LAN.

2. Click '**Search**' and it will show the devices that in the same LAN. And you can see the Device

IP Address, MAC address, port, type, Model, CloudID, Add Status and firmware version.

- 3. Select the devices you want to add.
- 4. Click Add .

5. Input the device **user name** and **password**, Select enable **Add to Group** (Create new Group for device) or disable **Add to Group** (Device will be added to Default Group) on the pop up page, click Add.

After added, you will see the device in the Device Added list and shows online. Means Adding device success.

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🗄 Control Panel													
<u></u>			Device	Add									
Device													
Device			Туре										
			Devic	e Name									
Group			Addr	ess									
Account			Port										
Onfig			User	Name	admin								
C Event			Passv	vord									
Record			Devic	e Protocol									
1111 March 10			Strea	m Protocol									
Log search					Add To Group								
					Batch Add								
					*Batch add device wit	h same username							
					and password!								
						Add Cancel							
金 古 刘 福													

5.1.2 Manually Add device

It suitable for adding devices when you know the Device IP address Perform this task to add device manually.

Steps

- 1. Click 🖶 'Add' choose IP/Domain Model.
- Input the Type(IPC/NVR/DVR),Set the Device name ,Input the correct IP address ,Port ,User Name ,Password ,Device Protocol(InVid/Onvif) ,Select Enable Add to Group (Create new Group for device) or Disable Add to Group(Device will be added to Default Group)and click 'Add'.

After added, you will see the device in the Device Added list and shows online. Means Adding device success.



		Ma	nual Addition					
		, N	Node	IP/Domain	Cloud ID			
			Гуре	IPC				
			Device Name					
		4	Address					
				34767				
		· •	Port	34567				
			Jser Name	admin				
			assword					
			Device Protocol	Invid-1				
				Invid-1				
			Stream Protocol	Add To Group				
				Add To Group				
				Add/Continue	Add Cance			

5.1.3 Cloud ID to Add Device

It suitable for adding Cloud devices which 1. Not under Local Network 2. Device P2P online. Preform this task to login Cloud ID to Add Device.

Steps

- 1. Click 🛃 Add, choose Cloud ID Model.
- Input device information to add a device. You can set the Device name and input the Device Cloud ID , User Name, Password to add the device.

Note

You can get the **Cloud ID** from Device Web/Local GUI P2P information page.

After added, you will see the device in the Device Added list and shows online. Means adding device success.

		Cloud	ID					
		Mo	de 🥻	IP/Domain	Cloud ID			
		Dev	vice Name					
		Clo	udID					
		Use	r Name	admin				
		Dee	sword					
		Pas	sword					
				Add To Group				
				Add/Continue	Add Cancel			



5.1.4 Login Cloud Account to Add Device

It suitable for adding Cloud devices in batches which added by Cloud account.

Note

Cloud Account: it is the account that register from APP/Cloud Website. Login the Cloud account, you will see the devices list same as in APP/Cloud Website. You can choose the devices want to be added on VMS.

Perform this task to login Cloud Account to Add Device

Steps

1. Click the Cloud' button from the Top Status Bar of software, It will pop-up the Cloud

Account Page.

Vide Protect						Contract of the local division of the local						
Control Panel	🔒 м	onitor Plan	Alarm Cent	ter 🖵	Preview	🗟 Maintenar	ice *					
	+ 4	dd × Delete ±	Upgrade O Ref	fresh					То	tal (4/4) Filte		
Device		Device Name	🗘 Mode	Type	Model	Address	Port	CloudID	Status	s(1) Oper	ration	Upgrade
Device		192.168.120.211	IP/Domain	NVR		192.168.120.211	34567	TTks95jifhkk	Off	line 🛛 🖳 🗹	3₲☆×…	
		192.168.120.118	IP/Domain		IPC7D816	192.168.120.118	34567	um0000000000	Oni	line 🛛 🖳 🗹	160 Q × …	
Group		192.168.120.19	IP/Domain	IPC		192.168.120.19	34567	tdkshgypfduf	Off	line 🖳 🖳	™∽∿⊊	
Account		192.168.120.130	IP/Domain			192.168.120.130	34567	um000000000	Off	line 🖳 🗹	ß₽∂℃×…	
Record	~ Q S	earch 🕂 Add 📝	Invid-1 🗌 or	wif					Total	I (10/10) Filte		
Record	~ a s =		Invid-1 🗌 or ^ Port	wif Type	Model	CloudID	MAC	ļa	Total	I (10/10) Flite	r Version	
Record					Model NVR4015-8P8	CloudID TTks95jifhkk	MAC 00:04:56:ab:				Version	08.4021.C0115.B3
Record		Address	Port	Type	NVR401S-8P8	TTks95jifhkk		:d0:3a	dd Status	Operation	Version V500.0003.R0	08.4021.C0115.B3 08.4020.C0115.B3
Record		Address	2 Port 34567	Type NVR	NVR401S-8P8	TTks95jifhkk	00:04:56:ab:	:d0:3a	add Status Added	Operation	Version V500.0003.R0 V500.0003.R0	
Record	=	Address 192.168.120.211 192.168.120.42	Port 34567 34567	Type NVR NVR	NVR401S-8P8 NVR602S-16P16	TTks95jifhkk tdkshbr6trq2	00:04:56:ab: 00:6f:56:4e:	:d0:3a 3c:13 N :16:7b	Add Status Added lot Added	Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1	08.4020.C0115.B3 31.0206.C0000.B0
Record		Address 192.168.120.211 192.168.120.42 192.168.120.118	Port 34567 34567 34567	Type NVR NVR IPCamera	NVR401S-8P8 NVR602S-16P16 IPC7D816	TTks95jifhkk tdkshbr6trq2 um000000000	00:04:56:ab: 00:6f:56:4e: 00:5d:01:37:	::d0:3a 33::13 N :16:7b 33::14	Add Status Added Iot Added Added	Operation □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ●	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5	08.4020.C0115.B3
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Record		Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19 192.168.120.130	 Port 34567 34567 34567 34567 34567 34567 	Type NVR NVR IPCamera IPCamera IPCamera	NVR401S-8P8 NVR602S-16P16 IPC7D816 IPC714557 IPC714557	TTks95jifhkk tdkshbr6trq2 um000000000 tdkshgypfduf um000000000	00:04:56:ab: 00:6f:56:4e:3 00:5d:01:37: 00:47:4b:39: 00:43:01:40:	xd0:3a 3c:13 N :16:7b :3a:1d :15:6a :255 N	Added Status Added Iot Added Added Added Added	Operation □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ●	Version V500.0003.R0 V500.0003.R0 V500.0006.F1 V500.R010.E5 V500.R010.E5	08.4020.C0115.B3 31.0208.C0000.B0 06.03D8.C0115.B0 06.0378.C0043.B0
) Event) Record) Log search	I X C X X X X	Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19 192.168.120.130 192.168.120.31	Port 34567 34567 34567 34567 34567 34567 34567	Type NVR NVR IPCamera IPCamera IPCamera IPCamera	NVR401S-8P8 NVR602S-16P16 IPC7D816 IPC714557 IPC714557 IPC714557	TTks95jifhkk tdkshbr6trq2 um000000000 tdkshgypfduf um000000000 tdksrh986gru	00:04:56:ab: 00:6f:56:4e: 00:5d:01:37: 00:47:4b:39: 00:43:01:40: 00:46:b8:11:	cd0:3a 3c:13 N :16:7b :3a:1d 15:56a :2:55 N 3e:39 N	Added Status Added Iot Added Added Added Iot Added	Operation □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ●	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5 V500.R010.E5 V500.R010.E5	08.4020.C0115.B3 31.0208.C0000.B0 06.03D8.C0115.B0 06.0378.C0043.B0

2. Click 'Add ' button on the pop-up window, input the **Username** and **Password** of the Cloud Account. After login success, you will see the Cloud Account shows Enabled.

🖻 Note

Each time login the VMS, need enable the Cloud Account again. After Enabled-means login the Cloud Account, it will synchronous the newest Cloud Account information from Cloud.



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🗄 Control Panel										
<u> </u>										
Device ^										Upgrade
Device			+ Add							
Group			User Name		🗘 Enable	Operation				
🛆 Account										
🛞 Config				User Name						
$\widehat{\mathbb{Q}}$ Event \sim				Password						
Record				Z Enable						
Log search						ОК				
										008.4021.C0115.B353.
										008.4020.C0115.B355.
										131.0208.C0000.B010
										506.03D8.C0115.B018
										506.0378.C0043.B021
										506.03C5.C0000.B021
										50B.0000.C0000.B011 503.0282.C0043.B008
										143.02F0.C0000.B013
※ 占 今 図										B 🗆 🔅



3. Click is to show the Cloud Account device list, It may take few seconds, VMS will

download the Device list from Cloud.

4. After get the account device list, you can select and click **Add** to add the devices you want to manager on VMS.



							\times
User Name		2374619634	∎ no com	Total	3		
	Name		CloudID		Status	Add Status	
	IPC		tdksrwm24er9		Online	Exists	
	test		tdks3w7afey3		Offline	Not Added	
	Kitchen		tdksdja7xara		Offline	Not Added	
						Add Ca	ancel

5. After Added, You will see the device in the list, Device name is Name+Cloud Account. Model-Cloud ID. Shown as below picture.

R	Maintenance ×									
	Add × Delete ± L	lpgrade 🗢 Refre	esh				Total (6,	(6) Filter		
^ 🛛	Device Name	Mode	Туре	Model	Address	Port	CloudID	Status(4)	Operation	Upgrad
	192.168.120.68	IP/Domain	NVR		192.168.120.68	34567	um0000000000	Offline	▣◙Ģ♂Ҳ…	
	192.168.120.59	IP/Domain	IPC	IPC7N853	192.168.120.59	34567	um0000000000	Online	모 🖉 🗔 🗘 🖯 ^{delet}	e N/A
	192.168.120.63	IP/Domain	NVR		192.168.120.63	34567	tdkshbr6trq2	Online	▣◙ᢑ♂☓…	
	192.168.120.21	IP/Domain	IPC	IPC74650	192.168.120.21	34567	umetp5k237ru	Online	₽ø₽¢×…	
	IPC-237661663@c	Cloud ID	IPC	IPC9N853	N/A	N/A	tdksrwm24er9	Online	▣◙Ģ♂×…	N/A
	test-2:: ():: ():::::::::::::::::::::::::::::	. Cloud ID	Unknown		N/A	N/A	tdks3w7afey3	Offline	▣◙ᇦ♤☓…	

5.2 Edit Devices

VMS Support to edit the device which added or searched.

ontrol Panel	🔒 м	onitor Plan	🛃 Alarm Cen	ter 🔍 💭	Preview	🔣 Maintenar	nce					
	+ /	dd × Delete ±	Upgrade O Re	fresh						tal (4/4) Filte		
Device	^ 🗆	Device Name	Mode	Type	Model	Address	Port	CloudID	Statu	s(1) Oper	ration	Upgrade
Device		192.168.120.211	IP/Domain	NVR		192.168.120.211	34567	TTks95jifhkk	Off	line 💷	ᢂᢑᠯ᠔᠊ᢣ᠁	
		192.168.120.118	IP/Domain		IPC7D816	192.168.120.118	34567	um000000000	On	line 모④	፝፼ ፼ ፼ ፼ ፼ ፼ ጠ	
iroup		192.168.120.19	IP/Domain	IPC		192.168.120.19	34567	tdkshgypfduf	Off	line 🖳 🖾	160 û × …	
Account		192.168.120.130	IP/Domain	IPC		192.168.120.130	34567	um0000000000	Off	line 모@	866☆×…	
Config												
Record	~ Q 5	iearch 🕂 Add 🜌	Invid-1 🗌 o	nvif Searct					Tota	1 (10/10) Filte		
Record	~ [] []	iearch + Add ☑ Address	Invid-1 🗌 or ^ Port	nvif <u>Searc</u> i	hed Device List	CloudID	MAC		Tota Add Status	l (10/10) Filte	er Version	
Record						CloudID TTks95jifhkk	MAC 00:04:56:ab:				Version	08.4021.C0115.B3
Record		Address	☐ Port	Туре	Model	' TTks95jifhkk		d0:3a	Add Status	Operation	Version V500.0003.RC	
Record	E N	Address	Port 34567	Type NVR	Model NVR401S-8P8	' TTks95jifhkk	00:04:56:ab:	d0:3a	Add Status Added	Operation	Version V500.0003.R0 V500.0003.R0	008.4020.C0115.B3
Record	•	Address 192.168.120.211 192.168.120.42	Port 34567 34567	Type NVR NVR	Model NVR401S-8P8 NVR602S-16P16	TTks95jifhkk tdkshbr6trq2	00:04:56:ab: 00:6f:56:4e:3	d0:3a Ic:13 16:7b	Add Status Added Not Added	Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1	008.4020.C0115.B3 31.0208.C0000.B0
Record		Address 192.168.120.211 192.168.120.42 192.168.120.118	Port 34567 34567 34567	Type NVR NVR IPCamera	Model NVR4015-8P8 NVR602S-16P16 IPC7D816	TTks95jifhkk tdkshbr6trq2 um000000000	00:04:56:abx 00:6f:56:4e:3 00:5d:01:37:	d0:3a lc:13 1 16:7b 3a:1d	Add Status Added Not Added Added	Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5	008.4020.C0115.B3 31.0208.C0000.B0 506.03D8.C0115.B0
Record		Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19	Port 34567 34567 34567 34567	Type NVR NVR IPCamera IPCamera	Model NVR401S-8P8 NVR602S-16P16 IPC7D816 IPC714557	TTks95jifhkk tdkshbr6trq2 um000000000 tdkshgypfduf	00:04:56:ab: 00:6f:56:4e:3 00:5d:01:37: 00:47:4b:39:	d0:3a kc13 16:7b 3a:1d 15:6a	Add Status Added Not Added Added Added	Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5 V500.R010.E5	008.4020.C0115.B3 131.0208.C0000.B0 506.03D8.C0115.B0 506.0378.C0043.B0
Record	K K K 🗆 K	Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19 192.168.120.130	Port 34567 34567 34567 34567 34567	Type NVR NVR IPCamera IPCamera IPCamera	Model NVR401S-8P8 NVR602S-16P16 IPC7D816 IPC714557 IPC714557	TTks95jifhkk tdkshbr6trq2 um000000000 tdkshgypfduf um0000000000	00:04:56:ab: 00:6f:56:4e:3 00:5d:01:37: 00:47:4b:39: 00:43:01:40:	d0:3a lc:13 16:7b 3a:1d 15:5a 15:5a	Add Status Added Not Added Added Added Added	Operation □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ●	Version V500.0003.RC V500.0003.RC V500.0005.F1 V500.R010.E5 V500.R010.E5 V500.R010.E5	008.4021.C0115.B3 008.4020.C0115.B3 008.4020.C0115.B3 008.0208.C0105.B0 006.0378.C0043.B0 006.0378.C0043.B0 008.0205.C0008.B0
Event Record Log search	I X I X X X X	Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19 192.168.120.130 192.168.120.31	Port 34567 34567 34567 34567 34567 34567 34567 34567	Type NVR NVR IPCamera IPCamera IPCamera IPCamera	Model NVR401S-8P8 NVR602S-16P16 IPC7D816 IPC714557 IPC714557 IPC714557	TTks95jifhikk tdkshbr6trq2 um000000000 tdkshgypfduf um000000000 tdksm986gru	00:04:56:ab: 00:6f:56:4e:3 00:5d:01:37: 00:47:4b:39: 00:43:01:40: 00:46:b8:11:	d0:3a lc:13 16:7b 3a:1d 15:6a 15:6a 16:255 16:39	Add Status Added Not Added Added Added Added Not Added	Operation 모 ● 6 모 ● 6 모 ● 6 모 ● 6 모 ● 6 모 ● 6 모 ● 6 모 ● 6 모 ● 6 모 ● 6 모 ● 6	Version V500.0003.R0 V500.0003.R0 V500.0006.F1 V500.R010.E5 V500.R010.E5 V500.R010.E5 V500.R010.E5	008.4020.C0115.B3 131.0208.C0000.B0 506.03D8.C0115.B0 506.0378.C0043.B0 506.0378.C0043.B0



5.2.1 Delete Device

Perform this task when you need to delete device.

Steps

1. Perform one of the following operations to Delete the device

Select the Devices in added device list you want to delete.

- Click the × Delete delete icon.
- Click the 🔀 in the device list.
- 2. It will Pop-up the window to confirm the operation. Click **OK**. Device will be deleted from the added device list.

InVid Protect					± 2021	1/01/10 14:4	 idmin 🕜 🔅	$h_{1}(\mathbf{R}, \mathbf{n} = \sigma)$
🗄 Control Panel								
E								
Device								
Device								
Group								
Constant.								
📇 Account								
💮 Config		Delete						
(i) Event			delete devices from	VMS7				
(i) Record								
The succession			ОК	Cancel				
Log search			alouin					
* 古 (1) 四								

5.2.2 Upgrade the device firmware

Perform this task if you want to upgrade device firmware remotely.

Steps

- 1. Perform one of the following operations to access the upgrade page.
 - Select the Devices you want to delete, Click the Devices you want to delete, Click the
 - Click the 🔯 in the device list-**Operation**.
- 2. It will pop-up a System Upgrade window, support the Local Upgrade and Cloud Upgrade.

Note

Only support the IP Model and Online devices to firmware upgrade.



Control Panel	ක්	Monitor Plan	🗟 Alarm Cen	nter 🖵	Preview	🛃 Maintena	nce					
		Add X Delete	Upgrade	efresh						otal (4/4) Flite		
Device		Device Name	0 Mode	Туре	Model	Address	Port	CloudID	Statu	s(1) Oper	ration	Upgrade
Device		192.168.120.211	IP/Domain	NVR		192.168.120.211	34567	TTks95jifhkk	Off		≝⊊∂∕×…	
		192.168.120.118				192.168.120,118	34567		On	mus.	₫ ⊾₀ 습 × …	
Group		192.168.120.19	IP/Domain	IPC		192.168.120.19	34567	tdkshgypfduf	Off		160 û × …	
Account		192.168.120.130	IP/Domain	System Update				× 000	Off	line 🖳 🖉	ᢧᢑ᠔᠊ᡘ᠁	
Config				Local Upgra	ade Cloud U	pgrade						
		Search + Add 👱	Invid-1 🔲 (Select Upgrad	de File				Tota	I (10/10) Filte		
		Search + Add <table-cell></table-cell>	Invid-1	Select Upgrad	de File		Upgrade		Tota Add Status	I (10/10) Flite	er Version	
				Select Upgrad	de File		Upgrade	Cancel 4			Version	08.4021.C0115.B3
		Address	2 Port		de File	tdkshbr6trq2	Upgrade 00:6f:56:4e:3	Cancel	Add Status	Operation	Version V500.0003.R0	
		Address	Port 34567	NVR		tdkshbr6trq2 um000000000		Cancel	Add Status Added	Operation	Version V500.0003.R0 V500.0003.R0	08.4021.C0115.B35 08.4020.C0115.B35 31.0208.C0000.B01
	•	Address 192.168.120.211 192.168.120.42	Port 34567 34567	NVR	NVR602S-16P16		00:6f:56:4e:3	Cancel //	Add Status Added Not Added	Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1	08.4020.C0115.B3 31.0208.C0000.B0
	•	Address 192.168.120.211 192.168.120.42 192.168.120.118	Port 34567 34567 34567	NVR IPCamera IPCamera	NVR602S-16P16 IPC7D816	um000000000	00:6f:56:4e:3 00:5d:01:37:	Cancel 4 cc13 8 16:7b 3a:1d	Add Status Added Not Added Added	Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5	08.4020.C0115.B3
		Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19	Port 34567 34567 34567 34567	NVR IPCamera IPCamera IPCamera	NVR602S-16P16 IPC7D816 IPC714557	um0000000000 tdkshgypfduf	00:6f:56:4e:3 00:5d:01:37: 00:47:4b:39:	Cancel // cc13 // 16c7b 3ac1d 1556a	Add Status Added Iot Added Added Added	Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5 V500.R010.E5	08.4020.C0115.B3 31.0208.C0000.B0 06.03D8.C0115.B0 06.0378.C0043.B0
		Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19 192.168.120.130	Port 34567 34567 34567 34567 34567	NVR IPCamera IPCamera IPCamera IPCamera	NVR602S-16P16 IPC7D816 IPC714557 IPC714557	um0000000000 tdkshgypfduf um0000000000	00:6f:56:4e:3 00:5d:01:37: 00:47:4b:39: 00:43:01:40:	Cancel 4 cc13 5 16:7b 3 3a:1d 1 15:6a 5 -255 8	Add Status Added Iot Added Added Added Added	Operation □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ●	Version V500.0003.R0 V500.0003.R0 V500.0006.F1 V500.R010.E5 V500.R010.E5 V500.R010.E5	08.4020.C0115.B35 31.0208.C0000.B01 06.03D8.C0115.B0
⊇ Record	X X X U X	Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19 192.168.120.130 192.168.120.31	Port 34567 34567 34567 34567 34567 34567	NVR IPCamera IPCamera IPCamera IPCamera	NVR602S-16P16 IPC7D816 IPC714557 IPC714557 IPC714557	um000000000 tdkshgypfduf um000000000 tdksrh985gru	00:6f:56:4e:3 00:5d:01:37: 00:47:4b:39: 00:43:01:40: 00:46:bB:11:	Cancel // cc13 P 1667b 1556a 1556a 1556a 1556a 1556a 1556a 1556a 1556a 1556a 1556a 1556a 1556a 1556a 1556a 1555 1557 1557 1557 1557 1557 1557 155	Add Status Added Not Added Added Added Not Added Not Added	Operation □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ●	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5 V500.R010.E5 V500.R010.E5 V500.R010.E5	08.4020.C0115 31.0208.C0000 06.03D8.C0115 06.0378.C0043

Local Upgrade:

- 1) Choose Local Upgrade
- 2) Click the **E** to select the firmware file want to upgrade, upgrade file end with ' .upf',
- 3) Click Upgrade, It will start to upgrade.

When Upgrading, you can see the Upgrade progress rate from device list –**Upgrade**; After Upgrade, it will show the upgrade result Upgrade Success/Error.

System Update	×
Current Version: V500.R009.F12D.0267.C0000.B004 Build: 2022-04-20 09:40:4	5 Operation Upgrade
Local Upgrade Cloud Upgrade	₽┏₽₽ \$\X ··· N/A
	₽┏₽÷~··· N/A
Select Upgrade File ads\QV-IPC-74650_ZX_V2.10.6.R8155.20210112.upf	₽Ơ₽♂×… N/A
	₽⊿₽\$\ ₽⊿₽\$ \$\ VA
	모囵碌♂×… 1 <mark>%</mark>
Upgrade Cancel	₽ľ⊊û×… N/A

Cloud Upgrade:

- 1) Choose the Cloud Upgrade.
- 2) Click the Refresh check the firmware whether has the new version from the Cloud.
- 3) If Have it will shows the Cloud version, user can Click the Upgrade to upgrade it.

When Upgrading, you can see the Upgrade progress rate from device list –**Upgrade**; After Upgrade, it will show the upgrade result Upgrade Success/Error.

System Update		×		
Current Version:	V9.E803.0313.0043.011 Build: 09/08/2022 11:0	5:41AM	Operation	Upgrade
Local Upgrade	Cloud Upgrade		▣◪◲♂४…	
			₽ø₽¢×…	
Cloud Version:		Refresh	▣◙ᢑ♂ᆠ…	
			▣◙ᢑ♂ᆠ…	
	Upgrade	Cancel	₽∅Ģ♂×…	1 <mark>9%</mark>
	opgrade	cuncer	▣◙ᢑ♂ᆠ…	

5.2.3 Refresh Device list Information.

Perform this task if you want to check the newest device status



Steps

1. Click the CRefresh Refresh , it will refresh the Added devices Status and Searched Online Device Status.

Control Panel	⊕ M	Ionitor Plan	Alarm Cen	ter 🖵	Preview	🔣 Maintenar	nce *					
	+ /	Add × Delete ±	Upgrade C Re	fresh					То	tal (4/4) Filte		
Device		Device Name	Mode	Type	Model	Address	Port	CloudID	Status	(1) Ope	ration	Upgrade
Device		192.168.120.211	IP/Domain	NVR		192.168.120.211	34567	TTks95jifhkk	Off	ine 🖳 🖾	8660×…	
			IP/Domain		IPC7D816	192.168.120.118	34567	um0000000000	Onl	ine 모4	2660×…	
Group		192.168.120.19	IP/Domain	IPC		192.168.120.19	34567	tdkshgypfduf	Off	ine 🖭 🖉	₫₲ि☆×…	
Account		192.168.120.130	IP/Domain			192.168.120.130		um0000000000	Off	ine 🖳	₫Ģ♂×…	
Config												
Record												
	٩	search + Add 🔽	Invid-1 🗌 o	nvif					Total	(10/10) Filte		
	۵.s	Search + Add ☑	Invid-1 🗆 o	nvif Type	Model	CloudID	MAC	4	Total dd Status	(10/10) Filte	er Version	
					Model NVR401S-8P8	CloudID TTks95jifhkk	MAC 00:04:56:ab:x				Version	08.4021.C0115.B353
		Address	0 Port	Туре		TTks95jifhkk		d0:3a	dd Status	Operation	Version V500.0003.R0	
		Address	0 Port 34567	Type NVR	NVR401S-8P8	TTks95jifhkk	00:04:56:ab:o	d0:3a	dd Status	Operation	Version V500.0003.R0 V500.0003.R0	
	•	Address 192.168.120.211 192.168.120.42	Port 34567 34567	Type NVR NVR	NVR401S-8P8 NVR602S-16P16	TTks95jifhkk tdkshbr6trq2	00:04:56:ab:0 00:6f:56:4e:3	d0:3a c=13 М 16:7b	dd Status Added lot Added	Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1	008.4020.C0115.B355 31.0208.C0000.B010
		Address 192.168.120.211 192.168.120.42 192.168.120.118	Port 34567 34567 34567	Type NVR NVR IPCamera	NVR401S-8P8 NVR602S-16P16 IPC7D816	TTks95jifhkk tdkshbr6trq2 um000000000	00:04:56:ab:0 00:6f:56:4e:3 00:5d:01:37:1	10:3a 10:3a 10:3 16:75 13:3a:10	dd Status Added Iot Added Added	Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E9	008.4020.C0115.B355 31.0208.C0000.B010
	I V V	Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19	Port 34567 34567 34567 34567	Type NVR NVR IPCamera IPCamera	NVR401S-8P8 NVR602S-16P16 IPC7D816 IPC714557	TTks95jifhkk tdkshbr6trq2 um000000000 tdkshgypfduf	00:04:56:abx 00:6f:56:4e:3 00:5d:01:37:1 00:47:4b:39:	d0:3a c:13 M 16:7b 3a:1d 15:6a	dd Status Added Iot Added Added Added	Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5 V500.R010.E5	008.4020.C0115.B355 131.0208.C0000.B010 506.03D8.C0115.B018 506.0378.C0043.B021
	* * * *	Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19 192.168.120.130	Port 34567 34567 34567 34567 34567	Type NVR NVR IPCamera IPCamera IPCamera	NVR401S-8P8 NVR602S-16P16 IPC7D816 IPC714557 IPC714557	TTks95jifhkk tdkshbr6trq2 um000000000 tdkshgypfduf um0000000000	00:04:56:abx 00:6f:56:4e:3 00:5d:01:37:1 00:47:4b:39:3 00:43:01:40:1	d0:3a 0 c:13 0 16:7b 0 3a:1d 0 15:56a 0 c:255 0	dd Status Added lot Added Added Added Added	Operation Q (D) (C) (C) (C) (C) (C) (C) (C) (C) (C) (C	Version V500.0003.R0 V500.0003.R0 V500.R010.E5 V500.R010.E5 V500.R010.E5	506.03D8.C0115.B018
Record	N N N N N	Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19 192.168.120.130 192.168.120.31	Port 34567 34567 34567 34567 34567 34567 34567	Type NVR NVR IPCamera IPCamera IPCamera IPCamera	NVR401S-8P8 NVR602S-16P16 IPC7D816 IPC714557 IPC714557 IPC714557	TTks95jifhkk tdkshbr6trq2 um000000000 tdkshgypfduf um000000000 tdksrh986gru	00:04:56:abx 00:6f:56:4e:3 00:5d:01:37:1 00:47:4b:39:3 00:43:01:40:1 00:46:58:11:2	d0:3a cc13 M 16:7b 3a:1d 15:6a c:255 M he:39 M	dd Status Added ot Added Added Added Added ot Added	Operation □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ● □ ●	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5 V500.R010.E5 V500.R010.E5 V500.R010.E5	008.4020.C0115.B355. 131.0208.C0000.B010 506.03D8.C0115.B018 506.0378.C0043.B021 506.03C5.C0000.B021

5.2.4 Check Device Live Video

Perform this task if you want to quick check the device live video in device list

Steps

1. Perform one of the following operations to check the Device Live video.

- If the device already added and shows online, After click the III, it will show the

Live video directly. And support to switch the Mainstream / Substream

 If the device not added before, It will shows wrong, needs input the correct user name and password login the device. Then it will show the Live video in few seconds.

2. Optional: If it's an NVR/DVR, support to choose the channel you want to check live video.

Note

Only support the device when it's online.



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		2.168.120.17:34567/mode=real&idc=1&ids			
	User Name admin	Password	Login		
		Device: 0 Channel: 1.Mainstream			
		-29: Error Code,			
		quii://192.168.120.17:34567/mode=real&idc=1&id	s=1		
	□ 192.168.1 □ 192.168.1 • Substream	192.168.120.1 Y Login Fall, Wrong Pa	seword		
★ 占 < ⇒ ⇒				B	E A

5.2.5 Edit added device

Normally this function after device changed password/port...user can update the information on VMS.

Perform this task if you want to edit the device.

- 1. Click the 🗹 from Added device list-**Operation.**
- 2. It will pop-up the Device Edit window to edit the Device Name, Address, Port, User Name, Password.



		Device	Edit					
		Type						
		Devic	ce Name	192.168.120.8				
		Addr	ess	192.168.120.8				
		Port		34567				
			Name	admin				
		Fassi	word					
		Devic	ce Protocol					
		onvit Strea	m Protocol					
					OK Cancel			
					UK Cancel			

5.2.6 Modify Device Network Parameter

Perform this task if you want to modify the device network parameter.

- 1. Perform one of the following operations to modify the device network parameter.
 - Click the **....** on the added device list **-Operation**, click **(Device 1)** Modify IP;
 - Click the I from the searched device list-**Operation**:
- 2. It will pop up a window that allow to edit the device IP address, Subnet Mask, Gateway, Primary DNS, Second DNS.
- 3. Input the Admin Password then click OK. Device will change the Network parameter as imputed.

Control Panel	⊕ M	Ionitor Plan	🗟 Alarm Cen	iter 📮	Preview	🔣 Maintena	nce 👘					
	+ /	Add × Delete ±	Upprade O Re	fresh						otal (9/9) Filte		
Device		Device Name	C Mode	Type	Model	Address	Port	CloudID	Statu	is(5) Ope	ration	Upgrade
Device		192.168.120.211	IP/Domain	NVR		192.168.120.211	34567	TTks95jifhkk	Of	fline 🖳	866 û × • 🛌	A1//
		192.168.120.118	IP/Domain	IPC	IPC7D816	192.168.120.118	34567	um000000000	0 Or	line 🖳	246 C X 🕂	Modify IP
Group		192.168.120.19	IP/Domain	IPC		192.168.120.19	34567	tdkshgypfduf	Of	fline 🛛 🖳 🕼	160 û × ·· ●	Web Browse
Account		192.168.120.130	IP/Domain	IPC		192.168.120.130	34567	um00000000	0 Of	fline 🖳	፻፼ኇ፞፞፞፠᠃፟፟፟	Status
		192.168.120.42	IP/Domain	NVR		192.168.120.42	34567	tdkshbr6trq2	Of	fline 모4	363 û × …	
Config		192.168.120.81	IP/Domain	IPC	IPC61381A	192.168.120.81	34567	um000000000	0 Or	line 🛛 🖽 🖉	260 û × …	
		192.168.120.8	IP/Domain	IPC	IPC813816	192.168.120.8	34567	tdks3ivt6gau	Or	line 🖳	B G O X ···	
Event												
		192.168.120.32	IP/Domain	IPC	IPC6A816	192.168.120.32	34567	tdksmjpxs56u	- On	line 모네	8660×…	
		192.168.120.32	IP/Domain	IPC	IPC6A816	192.168.120.32	34567	tdksmjpxs56u	Or		ଅ⊑େ∧∨	
	-	103 100 100 31		100					-		×□^	
	-	Search + Add 📝	10/01-	100	10/74 4777			**************************************	-		×□^	
	<u>٦</u>	Search + Add 📝	Invid-1 0	nvif	10/74 4777	102 100 120 21	SAFCE	•H-+h007	Tota	al (10/10) Filte	Version	
	[]]	search + Add ₹	Invid-1 0	nvif	Model	CloudID TTks95jifhkk	MAC		Tota Add Status	al (10/10) Filte	Version V500.0003.R0	08.4021.C0115.B35
	- [+03+20+303+ Search + Add ✓ Address 192.168.120.211	Invid-1 🗌 o Port 34567	nvif Type NVR	Model NVR401S-8P8	CloudID TTks95jifhkk	MAC 00:04:56:at	x41-2000 0xd0:3a :3c13	Tota Add Status	(10/10) Filte	Version V500.0003.R0 V500.0003.R0	08.4021.C0115.B35 08.4020.C0115.B35
		Search + Add ✓ Address 192.168.120.211 192.168.120.42	ID I70 1- Invid-1	nvif Type NVR NVR	Model NVR4015-8P8 NVR6025-16P16	CloudID TTks95jifhkk tdkshbr6trq2	MAC 00:04:56:at 00:6f:56:4e	00003a 	Tota Add Status Added Added	0peration	Version V500.0003.R0 V500.0003.R0 V500.0003.R0	08.4021.C0115.B35 108.4020.C0115.B35 31.0208.C0000.B010
		Search + Add ✓ Address 192.168.120.211 192.168.120.42 192.168.120.118	ID 27	nvif Type NVR NVR IPCamera	Model NVR4015-898 NVR6025-16P16 IPC7D816	CloudID TTks95jifhkk tdkshbr6trq2 um000000000	MAC 00:04:56:at 00:5f:56:4e 00:5d:01:37	0xd0:3a :3c:13 7:16:7b 9:3a:1d	Tota Add Status Added Added	al (10/10) Filte Operation Q (10/10) Filte Operation Q (10/10) Filte Operation Q (10/10) Filte Operation	Version V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5	08.4021.C0115.B35 108.4020.C0115.B35 31.0208.C0000.B01(06.03D8.C0115.B01
		Search + Add ✓ Address 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19	Invid-1 0 0 Port 34567 34567 34567 34567	INC INVR NVR IPCamera IPCamera	Model NVR401S-8P8 NVR602S-16P16 IPC7D816 IPC714557	CloudID TTks95jifhkk tdkshbr6trq2 um000000000 tdkshgypfduf	MAC 00:04:56:at 00:5d:01:37 00:47:4b:39	oxd0:3a :3c13 7:16:7b 9:3a:1d):15:6a	Tota Add Status Added Added Added Added	al (10/10) Filte Operation 및⊕€ 및⊕€ 및⊕€ 및⊕€	Version V500.0003.R0 V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5 V500.R010.E5	08.4021.C0115.B35 08.4020.C0115.B35 31.0208.C0000.B010 06.03D8.C0115.B01 06.0378.C0043.B02
		Address 192.168.120.211 192.168.120.211 192.168.120.42 192.168.120.118 192.168.120.19 192.168.120.130	Invid-1 0 o Port 34567 34567 34567 34567 34567 34567 34567	IVF IType NVR NVR IPCamera IPCamera IPCamera	Model NVR401S-8P8 NVR602S-16P16 IPC7D816 IPC714557 IPC714557	CloudID TTks95jifhkk tdkshbr6trq2 um000000000 tdkshgypfduf um000000000	MAC 00:04:56:at 00:56:56:4e 00:5d:01:37 00:47:4b:39 00:43:01:40	xd0:3a c3c13 2:167b 9:3a:1d x15:6a h:c255	Tota Add Status Added Added Added Added Added	al (10/10) Filte Operation 	Version V500.0003.R0 V500.0003.R0 V500.0003.R0 V500.R006.F1 V500.R010.E5 V500.R010.E5 V500.R010.E5	
☐ Record ☐ Log search		Control 120 120 120 120 120 120 120 120 120 120	Invid-1 0 0 Port 34567 34567 34567 34567 34567 34567 34567 34567	NVR NVR NVR IPCamera IPCamera IPCamera	Model NVR4015-8P8 NVR6025-16P16 IPC714557 IPC714557 IPC714557	CloudID TTka95jifhikk tdkshbr6trq2 um000000000 tdkshgypfduf um000000000 tdkshgypfduf	MAC 00:04:56:at 00:56:56:4e 00:56:01:37 00:47:4b:39 00:43:01:40 00:46:bE1	241-2407-2-1	Tota Add Status Added Added Added Added Added Added	al (10/10) Filt Operation □ ⊕ € □ ⊕ € □ ⊕ € □ ⊕ € □ ⊕ € □ ⊕ €	Version V500.0003.R0 V500.0003.R0 V500.0006.F1 V500.R010.E5 V500.R010.E5 V500.R010.E5 V500.R010.E5	08.4021.C0115.B35 08.4020.C0115.B35 31.0208.C0000.B010 06.03D8.C0115.B01 06.0378.C0043.B02

					×	C
Admin Password				Ref	resh	1
DHCP						
Address	192	168	120		211	
MAC						
Subnet Mask	255	255	255		o	
Gateway	192	168	120		1	
Primary DNS	8	8	8		8	
Secondary DNS	8	8	4		4	
		OK		Ca	ncel	

5.2.7 Access Device Configuration

Perform this task if you want to access the device configuration remotely.

Steps

1. Click the solution on the added device list **–Operation**, It will pop up the device config window, support to check and modify the device configuration.

Control Panel	⊕ M	lonitor Plan	🗟 Alarm Cen	nter 🖵	Preview	🔯 Maintena	nce ×					
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Device	^ 🗆	Device Name	3 Mode	Type	Model	Address	Port	CloudID	Statu	is(5) Oper	ation	Upgrade
Device				NVR			34567	TTks95jifhkk	Of	fline 💷 🗹	\$₽\$ û × …	
		192.168.120.118	IP/Domain	IPC	IPC7D816	192.168.120.118	34567	um000000000) Or	line 🛛 🖳 🖉	G ☆ × …	
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Account		192.168.120.130	IP/Domain	IPC		192.168.120.130	34567	um000000000	0 Of	fline 🖳 🗹	ⅈℴℴ∕ՠ	
		192.168.120.42	IP/Domain	NVR		192.168.120.42	34567	tdkshbr6trq2	Of	fline 🛛 🖳 🖉	ⅈℴℴ∕ՠ	
Config		192.168.120.81	IP/Domain	IPC	IPC61381A	192.168.120.81	34567	um000000000) Or	line 🛛 🖳 🖉	\$₽\$∂×…	
		192.168.120.8	IP/Domain	IPC	IPC813816	192.168.120.8	34567	tdks3ivt6gau	Or	line 🖳 🖳 🖉	1⊊☆×…	
j Event	ČΟ	192.168.120.32	IP/Domain	IPC	IPC6A816	192.168.120.32	34567	tdksmjpxs56u	Or	line 🛛 🖳 🖉	1₽0 ↔ × …	
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Log search		Address	0 Port	Type	Model	CloudID	MAC		Add Status	Operation	Version	
		192.168.120.211	34567	NVR	NVR401S-8P8	TTks95jifhkk	00:04:56:at	0:d0:3a	Added	₽⊕¢	V500.0003.R0	08.4021.C0115.B35
		192.168.120.42	34567	NVR	NVR602S-16P16	tdkshbr6trq2	00:6f:56:4e	:3c:13	Added	⊡⊕ ø	V500.0003.R0	08.4020.C0115.B35
		192.168.120.118	34567	IPCamera	IPC7D816	um0000000000	00:5d:01:37	7:16:7b	Added	900	V500.R006.F1	31.0208.C0000.B01
		192.168.120.19	34567	IPCamera	IPC714557	tdkshgypfduf	00:47:4b:39	9:3a:1d	Added	₽⊕€	V500.R010.E5	06.03D8.C0115.B01
		192.168.120.130	34567	IPCamera	IPC714557	um0000000000	00:43:01:40):15:6a	Added		V500.R010.E5	06.0378.C0043.B02
		192.168.120.31	34567	IPCamera	IPC714557	tdksrh986gru	00:46:b8:11	l:c2:55	Added	₽⊕€	V500.R010.E5	06.03C5.C0000.B02
		192.168.120.81	34567	IPCamera	IPC61381A	um0000000000	00:66:2f:52	:3e:39	Added		V500.R010.E5	0B.0000.C0000.B01
			A leven	IPCamera	IPC813816	tdks3ivt6gau	00:46:b8:0f	:f5:4b	Added	900	V500 8009 F	03.0282.00043.800
		192.168.120.8	34567	recamera	IF COTOOTO							



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hVic Protect CM	RemoteConfig - 192.168.1	20.118		×	
Protect CM	Setting	Item	Information		
🗄 Control Panel	 System Info 				
<u></u>	General	MAC Channels	00:5d:01:37:16:7b 1		
E Device	Time Setup	Audio Port I/O	0/0		
Destas	User Account	Alarm Port I/O	0/0		
Device	Maintain	System	V500.R006.F131.0208.C0000.B010		
Group	• Log	Release Date	2020-05-12 17:39:36		
	Online User	Updated version	Net Abnormity		
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	• IPv6				
Record	DDNS				
📄 Log search	• NAT				
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	Cloud				
	• Bonjour				
	 Multicast 		Refresh		
	Access Control				
	Network Advanced				
	• FTP				
	• NTP				
					I.E143.02F0.C0000.B013
* 古 ゆ 回	• Email				

5.2.8 Access Device Web Browser

Perform this task if you want to modify the device network parameter.

Steps

- 1. Perform one of the following operations to modify the device network parameter.
 - Click the on the added device list –**Operation**, click S to access the device
 - by Web Browser;
 - Click the from the searched device list-**Operation** to access the device by Web Browser.

It will open the default web browser, and access the device IP address.

Note

Not support the Cloud ID model device.

Vide Protect	CMS V8.	1.43.25						* 1	2023/01/10 14:5		admin 😪 🍥	
Control Panel	⊛ №	Ionitor Plan	🗟 Alarm Cer	nter 🖵	Preview	🔣 Maintena	nce 🎽					
		Add × Delete :	t Upgräde ORe	efresh						otal (9/9) Filt		
Device		Device Name	0 Mode	Туре	Model	Address	Port	CloudID	Statu	s(5) Ope	eration	Upgrade
Device		192.168.120.211	IP/Domain	NVR		192.168.120.211	34567	TTks95jifhkk	Of	line 🖳	ଅେତେ≻∵ୁ	4174
		192.168.120.118	IP/Domain		IPC7D816	192.168.120.118	34567	um00000000	0 On	line 🛛 🖳	260×	Modity IP
Group		192.168.120.19	IP/Domain	IPC		192.168.120.19	34567	tdkshgypfduf	Of	line 🖳	ଅେତେ×≝	Web Browse
Account		192.168.120.130	IP/Domain	IPC		192.168.120.130	34567	um000000000	0 Of	1ine 🖳	ZGO×.ª	Status
		192.168.120.42	IP/Domain	NVR		192.168.120.42	34567	tdkshbr6trq2	Of	line 모[ZG☆×…	
Config		192.168.120.81	IP/Domain		IPC61381A	192.168.120.81	34567	um00000000	0 On	line 🖳 🖳	ℤℴℴҲ┈	
		192.168.120.8	IP/Domain	IPC	IPC813816	192.168.120.8	34567	tdks3ivt6gau	On	line 모	ℤℴℴҲ┈	
Event	ັ□	192.168.120.32	IP/Domain		IPC6A816	192.168.120.32	34567	tdksmjpxs56u	On	line 🖳 🖳	ℤℴℴҲ	
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Log search		Address	0 Port	Туре	Model	CloudID	мас		Add Status	Operation	Version	
				NVR	NVR4015-8P8	TTks95jilfhkk	00:04:56:ab	:d0:3a	Added	₽@@		R008.4021.C0115.B353.
		192.168.120.42	34567	NVR	NVR602S-16P16	tdkshbr6trq2	00:6f:56:4e:	3c:13	Added	E .	V500.0003.	R008.4020.C0115.B355.
		192.168.120.118	34567	IPCamera	IPC7D816	um000000000	00:5d:01:37	:16:7b	Added		V500.R006.	F131.0208.C0000.B010
		192.168.120.19	34567	IPCamera	IPC714557	tdkshgypfduf	00:47:4b:39	:3a:1d	Added		V500.R010.	E506.03D8.C0115.B018
		192.168.120.130	34567	IPCamera	IPC714557	um000000000	00:43:01:40	:15:6a	Added	₽⊕€	V500.R010.	E506.0378.C0043.B021
	22	192.168.120.31	34567	IPCamera	IPC714557	tdksrh986gru	00:46:b8:11	x2:55	Added	₽⊕€	V500.R010.	E506.03C5.C0000.B021
		192.168.120.81	34567	IPCamera	IPC61381A	um000000000	00:66:2f:52:	3e:39	Added	₽⊕₽	V500.R010.	E50B.0000.C0000.B011
		192.168.120.8	34567	IPCamera	IPC813816	tdks3ivt6gau	00:46:b8:0f:	f5:4b	Added	₽⊕€	V500.R009.	E503.0282.C0043.B008
		192.168.120.32	34567	IPCamera	IPC6A816	tdksmjpxs56u	00:46:b8:0d	42:c2	Added	900	V500.R008.	E143.02F0.C0000.B013



5.2.9 Check Device Status

Perform this task if you want to check device status.

Steps

1. Click the •••• on the added device list –**Operation**, click Status , It will pop the Window about the device Status.

You can get the Device Name, Type, IP/Domain, Port, Model, MACetc information

Control Panel	🔒 м	lonitor Plan	🗟 Alarm Cen	ter 🖵	Preview	🔯 Maintena	nce 🗶					
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Device	^ 🗆	Device Name	0 Mode	Туре	Model	Address	Port	CloudID	Statu	is(5) Ope	ration Upg	grade
Device		192.168.120.211	IP/Domain	NVR		192.168.120.211	34567	TTks95jifhkk	Of	fline 🖳	8	
		192.168.120.118	IP/Domain	IPC	IPC7D816	192.168.120.118	34567	um000000000) Or	line 🖳 🖳		
Group		192.168.120.19	IP/Domain	IPC		192.168.120.19	34567	tdkshgypfduf	Of	fline 🖳	ଅକେ ଫ×· ^{® Modit}	
Account		192.168.120.130	IP/Domain	IPC		192.168.120.130	34567	um000000000	o of	fline 🖳	월 다 × · ^{@ Web E}	
		192.168.120.42	IP/Domain	NVR		192.168.120.42	34567	tdkshbr6trq2	Of	fline 🖳	名 G 企 × 📲 Status	
Config		192.168.120.81	IP/Domain	IPC	IPC61381A	192.168.120.81	34567	um000000000) Or		8 N/A	
		192.168.120.8	IP/Domain	IPC	IPC813816	192.168.120.8	34567	tdks3ivt6gau	Or	line 🖳	2 N/A	
Event	Ť 🗆	192.168.120.32	IP/Domain	IPC	IPC6A816	192.168.120.32	34567	tdksmjpxs56u	Or	iline 🖳 🖳 🖟	8	
Record		102 100 120 21	in /0 !	inc	100714007	102.100.120.21	245.67	*************	-	H		
,	a 9	search + Add	Invid-1 🗆 o	nvif					Tot	al (10/10) Filte		
Log search		Address	0 Port	Type	Model	CloudID	MAC		Add Status	Operation	Version	
			34567	NVR	NVR401S-8P8	TTks95jifhkk	00:04:56:ab:d	0:3a	Added	₽⊕ø	V500.0003.R008.40	
		192.168.120.42	34567	NVR	NVR602S-16P16	tdkshbr6trq2	00:6f:56:4e:3d	::13	Added		V500.0003.R008.40	20.C0115.B35
		192.168.120.118	34567	IPCamera	IPC7D816	um0000000000	00:5d:01:37:1	6:7b	Added	₽⊕8	V500.R006.F131.020	08.0000.801
		192.168.120.19	34567	IPCamera	IPC714557	tdkshgypfduf	00:47:4b:39:3	a:1d	Added	99	V500.R010.E506.03	D8.C0115.B0
		192.168.120.130	34567	IPCamera	IPC714557	um000000000	00:43:01:40:1	5:6a	Added		V500.R010.E506.03	78.C0043.B02
		192.168.120.31	34567	IPCamera	IPC714557	tdksrh986gru	00:46:b8:11:c	2:55	Added	₽⊕₿	V500.R010.E506.03	С5.С0000.В02
		192.168.120.81	34567	IPCamera	IPC61381A	um000000000	00:66:2f:52:3e	e:39	Added	₽⊕₿	V500.R010.E50B.00	00.C0000.B01
		192.168.120.8	34567	IPCamera	IPC813816	tdks3ivt6gau	00:46:b8:0f:f5	i:4b	Added	모 🏶 🕫	V500.R009.E503.02	82.C0043.B00
		192.168.120.32	34567	IPCamera	IPC6A816	tdksmjpxs56u	00:46:b8:0d:4	2:02	Added		V500.R008.E143.02	E0 C0000 801

Status					\times
Device Name	192.168.120.118	Туре		IPCamera	
IP/Domain	192.168.120.118	Port		34567	
Model	IPC7D816	MAC		00:5d:01:37:16:7b	
Audio Port I/O	0/0	Alarm f	Port I/O	0/0	
Version	V500.R006.F131.0208.C000	0.B010 Build D	ate	2020-05-12 17:39:36	
Cloud ID	um000000000				
Online User					
NO. 🗘 User Name II	P Address	Login Type	Login Time		
1 admin 1	92.168.120.211	XVR	2023/01/10 02:00):37	
2 admin 1	92.168.120.99	CMS/VMS	2023/01/10 14:32	2:10	
3 admin 1	92.168.120.42	XVR	2023/01/10 14:42	2:44	



lcon	Description
89	Cloud ID QRcode
0	Refresh the Devices status
P	Preview video channel.
	Edit the device information: name/address/port/user name/password
ĒŶ	View and modify the device's configuration.
	Upgrade device firmware
\times	Delete the selected devices.
•••	Include three menus, Modify IP/Web Browser/Status.
\oplus	Change device IP address
e	Access device by web browser.

Note:

• If adding devices by cloud account, you must enable the cloud account at every VMS login. Otherwise the status of the devices will be offline.

6 Group Management

Suitable for the user, who has numbers of device added by VMS.

Use this function support to add the devices/Channels to group, and rename the group. It will be easier to control the devices.

Click **Device-Group**, The Added devices are all listed in the Group that allow the user to Control the devices by Group.

	CMS V8.1.43.25		<u></u> <u></u> 2023/01/10 14:55	la admin v ⊚ ⊪la 🖪 ĉ – ⊡ ×
🔠 Control Panel	💮 Monitor Plan 🛛 🖳 Alarm	Center 🖵 Preview 🔣 Ma	intenance ×	
ŧ	+ Add 🛛 🗡 Delete 🖷 Create G	roup by Device 🖕 Import 🛛 🗙 Delete	Total (1/1)	Filter
Device		Name	Cloud ID Operati	on
Device	I 192.168.120.118	CAM 1_192.168.120.118	192.168.120.118 🖳 🖾 🕻	3
Group				
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Onfig	I192.168.120.81			
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6.1 Create Group

Perform this task when you want to create the group.

- 1. Go to Maintenance-Device-Group.
- 2. Perform one of the following operations to Create Group:
 - Click Add, the group list will add a new group. Named New Group1
 - Click the **Create Group by Device**, it will pop up a window. Select the Devices you want to add to the new group. Click OK. Each device will be a group show in the group list.
- 3. Click the **Encode Channels**, go to **Available Channels** choose the Devices/Channels that you want to import to the group. Then Click **Import**, the Channels will be added to the New group.







6.2 Import channels to Group

Perform this task you can import the device resources (such as encoding channels, alarm input, alarm outputs, etc.) to the added group in a batch.

Steps

- 1. Go to Maintenance-Device-Group.
- 2. Choose the Group you want to import.
- 3. Click Import, The right part will show the Available Channels.
- 4. Click Encode Channel 🔊.

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It will shows the devices already added. As following picture shows.

- 5. Go to **Available Channels**, Select the Devices or click the 🔳 to select the Channels that you want to import to the group.
- 6. Click Import Selection, the Devices/Channels will be added to the group.

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	🗉 🗀 Default group	No Data.	Z ⇒ CAM 1			
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6.3 Edit Channel Parameters

Perform this task you can edit the channel's parameters. (Channel name, Stream type).

Steps

- 1. Go to Maintenance-Device-Group.
- 2. Choose the Group you want to edit.
- 3. Click the Encode Channel.
- 4. Click the Channels 🗹.
- 5. You can modify the **Channel Name** and select the **Stream Type**.

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6.4 Delete Channel from Group

Perform this task you can delete the channel from group.

- 1. Go to Maintenance-Device-Group.
- 2. Choose the Group you want to edit.
- 3. Click the Encode Channel.
- 4. Click the Channels 🗹.
- 5. Select the Channels you want to delete, and click Delete.



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6.5 Delete Group

Perform this task you can delete the group.

- 1. Go to Maintenance-Device-Group.
- 2. Choose the group you want to delete.
- 3. Click **Delete** to delete the Group.





6.6 Rename the Group

Perform this task you can rename the group.

- 1. Click the dit button on the Group List.
- 2. Click the blue part to input the new name of the group.

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7 Live Video

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7.1 Preview Interface Introduce

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The Preview interface could divided into 4 parts as the picture shows:

- 1. Group List: It will show the all group, channels that you add to VMS;
- 2. Live View Control Bar: Support to custom view mode;
- 3. PTZ Control: Support to remote control the device PTZ which support the PTZ function;
- 4. Windows: Support to play the Live video and other functions.



7.2 Start and Stop Live Video

After adding the cameras, Go to click Preview 📰 to enter preview interface.

You can start the live view of one camera or all cameras in a group. You can also start the live view in default or custom view mode.

7.2.1 Start Live Video for one Camera

You can start the live view of only one camera.

Before You Start

A camera group is required to be defined for live view.

Perform this task if you want to start the live view of one camera.

Steps

- **1.** Open the VMS Control Panel and Go to click Preview **w** to enter preview interface.
- 2. Optional: Click 🕮 in Live View Control Bar, to select the window division mode for live view

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- **3. Optional**: Click in Live View Control Bar, to select the Display Scale of the live view window You can set it as **Adaptive**, **16:9**, **4:3**, **1:1**.
- 4. Choose the camera (means video available) and click the channel icon or double click the item to play the Live video. Wait few seconds, the right window will play the Live video.

🖻 Note

When the mouse cursor move on the Group/Camera item. It will show the icon \square and \blacksquare

💌: Camera video available; 🎑: Camera video not available; 💽: Camera video available and



playing the live video.

- **5. Optional**: Drag the video of the camera in live view to another window to change the display window for live view.
- **6. Optional**: Click the **Stream**, Stream type to switch the stream type according to actual needs.

Note

Auto-Select Stream: VMS will choose the stream type by network status automatically.

Mainstream: The highest resolution of video stream;

Substream: Second high resolution of video stream;

Mobile Stream: The low resolution of video stream.







<u> 모</u>…

7.2.2 Start Live Video for Group Cameras

You can start the live view for all cameras in one group synchronously.

Before You Start

A camera group is required to be defined for live view.

Perform this task when you want to start live view for camera group

Steps

- 1. Open the VMS Control Panel and Go to click Preview 📕 to enter preview interface.
- 2. Click the Group 🖳 to start the live view.

🖻 Note

The display window number is self-adaptive to the camera number of the group.

3. **Optional**: Click the Group¹¹¹, click **Stream type** to switch the stream type according to actual needs.

7.2.3 Start Live Video with Single Window Cruise

You can start the live view for group cameras with Single Window Cruise

Before You Start

A camera group is required to be defined for live view.

Perform this task when you want to start live view with Single Window Cruise

Steps

- 1. Open the VMS Control Panel and Go to click Preview 📕 to enter preview interface.
- Click the Group then click the Single Window Cruise, VMS will start to play the Live video on the a window, One camera by one camera cruising. Support to set the Interval time(5/20/40 Seconds,1/3/5 Minutes)

7.2.4 Start Live Video with Multi-Window Cruise

You can start the live view for group cameras with Multi-Window Cruise

If the window division mode is 4 windows, group has 16 cameras, 4 windows will play the camera live video 4 cameras by 4 cameras with a certain interval time.

Before You Start

A camera group is required to be defined for live view.

Perform this task when you want to start live view with Multi-Window Cruise **Steps**

- 1. Open the VMS Control Panel and Go to click **Preview** 📕 to enter preview interface.
- 2. Optional: Click 🕮 in Live View Control Bar, to select the window division mode for live view
- Click the Group^{••••}then click the Multi-Window Cruise, VMS will start to play the Live video on the windows, One channel by one channel cruising. Support to set the Interval time(5/20/40 Seconds,1/3/5 Minutes)


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7.2.5 Start Live Video in Custom View Mode

A view is a window division with cameras configured to each window;

View mode enables you to save the window division and the correspondence between cameras and windows as favorite to quickly access the related cameras later. For example, you can link camera 1, camera 2, and camera 3 located in your garden to display windows and save them as a view called Garden.

Preform this task if you want to customize views for further operations.

Steps

- 1. Open the VMS Control Panel and Go to click **Preview w** to enter preview interface;
- 2. Customize a view
 - 1) Click I in Live View Control Bar, to select the window division mode for custom view mode;
 - Choose the cameras (means video available) and click the channel icon or double click the item to play the Live video as you needed;
 - Drag the video of the camera in live view to another window to change the display window for live view as you needed;
 - 4) Click the 🖽 Live View Control Bar to save the View.
- 3. Start live view of the cameras in the custom view.
 - 1) Find the view that you save from Live View Control Bar-View.
 - 2) Double click the View to start the Live video.





7.2.6 Stop Live View

After starting the live view, you can stop it as desired.

Before You Start

Start the live view.

Perform this task when you want to stop the live view.

Steps

- 1. Perform one of the following operations stop the live view.
 - Move the cursor over the top of display window and click appeared at the top corner

to stop the live view of this display window.



- Right-click on the display window to open right-click menu and click Close Window on the menu to stop live view.

- Right-click on the display window to open right-click menu and click Close All Window on the menu to stop all window live view.

- Click 🖾 in Live View Control Bar to stop all the live view.

7.3 Customize Window Division

The VMS provides multiple kinds of predefined window divisions. You can also set custom the window division as desired.

Perform this task when you need to customize the window division.



Steps

🖻 Note

Up to 8 window divisions can be customized.

- 1. Open the VMS Control Panel and Go to click **Preview** to enter preview interface or Playback interface;
- 2. Click III in Live View or Playback Control Bar, then click III Custom.



- 3. Click Add to open the Add Custom Window Division dialog;
- 4. Set a **name** for the new window division as desired and click OK.
- 5. Set the window division, maximum size is 10x10
- 6. Drag your mouse to select the adjacent windows, and click Merge to merge them as a whole window.
- 7. **Optional** :Right-click the window to reset the Merge.
- 8. Click the Update or right-click choose Save to save the window division.



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7.4 Manually Record and Capture

During live view, you can record videos and capture pictures manually, and then view the recorded video files and captured pictures in the local PC.

7.4.1 Manually Record Video

Manual recording function allows to record the live video on the Main View page manually, and you can store the video file in the local PC.

Perform this task when you need to record videos manually

Steps

- 1. Open the Main View page;
- 2. Start the live view;
- 3. **Optional**:You can set the record video file format,Click in Live View Control Bar,Click the **Video Format** selection box, choose the format you need. This 3 format are available: dav,mp4,avi
- 4. Perform one of the following operations to start manual recording:

Move the cursor to the top of display window in live view to show the toolbar and click **u** on the toolbar. The icon will turn to **u**, it means it's recording.

- Right-click on the display window, click **Local Record** on the right-click menu, the Local Record is selected means it's in recording.
- 5. Perform one of the following operations to stop manual recording:
 - Click 🌄 to stop the manual recording.
 - Right-click on the display window, click Local Record on the right-click menu, the



Local Record is unselected means it's not in recording.

The recorded video file is automatically saved to the local PC.

Note The saving path of the recorded video files can be set on the System Configuration page. See 9.1.2 <u>File Saving Path</u> for details

7.4.2 Capture Pictures

You can capture pictures during the live view. Perform this task when you need to capture pictures during the live view.

Perform this task when you need to capture picture manually

Steps

- 1. Open the Main View page;
- 2. Start the live view;
- 3. **Optional**:You can set the capture picture file format, Click in Live View Control Bar,Click the **Snapshot Format** selection box, choose the format you need. This 2 format are available: JPEG,BMP.
- 4. Perform one of the following operations to capture picture:
 - Move the cursor to the top of display window in live view to show the toolbar and click on the toolbar.
 - Right-click on the display window, click **Snapshot** on the right-click menu

The capture picture file is automatically saved to the local PC.

Note The saving path of the capture picture files can be set on the System Configuration page. See 9.1.2 <u>File Saving Path</u> for details

7.5 More functions

7.5.1 Channel Stream Status

Move the cursor to the top of display window in live view to show the Stream type + Realtime Bitrate.

M :Mainstream; S :Substream; 3 :Mobilestream

M- 2001Kbps S- 65Kbps 3- 16Kbps

7.5.2 Digital Zoom the View

It will support zoom in or out the view in digital zoom mode.

Perform one of the following operations to access digital zoom mode:

- Move the cursor to the top of display window in live view to show the icon Click to start the zoom.
- Right-click on the display window, click **Digital Zoom** on the right-click menu

The cursor will be the a on the view. You can move the cursor and use the mouse wheel to zoom in or out the view in digital zoom mode. Click the a to stop the zoom.



7.5.3 Get the Device Audio

It will enable audio from the device, You can get not only the live video but also the audio from the camera. Perform one of the following operations to capture picture:

- Move the cursor to the top of display window in live view to show the icon **I**, Click it .
 - Right-click on the display window, click Audio on the right-click menu

Note Please confirm the device support the Audio function.

7.5.4 Talk to Device

It will enable talk to the device, You can get not only the live video but also talk to the camera. Perform one of the following operations to capture picture:

- Move the cursor to the top of display window in live view to show the icon , Click it .
 - Right-click on the display window, click Talk to Device on the right-click menu

Note Please confirm the device support the speaker function.

8 Remote Storage Configuration

The video files can be stored on the HDDs, MicroSD/SDHC cards on the local device, or on the storage server connected.

8.1 Store Video On NVR, DVR, IPC

Some local devices, including the DVRs, NVRs, and IP Cameras, provide storage devices such as the HDDs, and MicroSD/SDHC cards for video files. You can set a recording schedule schedule for the channels of the local devices

Before You Start

Please confirm the device install the HDDs, and MicroSD/SDHC cards.

Perform this task when you need to store the video file on the encoding device such as DVR, NVR, or IP camera.

Steps

- 1. Open Maintenance-Record, Choose the device or channels from group.
- 2. Please confirm choose the **Device**



3. Click the dit page.

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	Default Time	Current	Time	Common	MD	Alarm
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Schedule3	00:00:00 🛟	~ 23:59:59	\$			
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					Save	Cancel

4. Set the time and date for recording schedules, click Save.

Common: Normal and continuous recording.

MD: The recording is triggered by event.

Alarm: The recording is triggered by device Alarm in

8.2 Store Video On Storage Server

8.2.1 Active Storage Server

Perform this task when you need to active storage server.

Steps

1. Perform one of the following operations to run the Storage Server.

- 1) Right click the VMS Server Icon in mission board ,choose settings



2) Click Server List, enable Recorder Server

- Open the Recorder Server as shown below



Recorder Server

Note

You can also record the video files on the Storage Server installed on another PC.

8.2.2 Initialize Storage Server

You should initialize the storage server for the video file storage. Perform this task to initialize storage server.

Steps

- 1. Right click Recorder Server from mission board access the **Record Server** setting Page
- 2. Click **Disk Config**, Select the disk and click the **Initialize** the record disk. After Initialized, that VMS could record the video at Record server.

Note

The Initialization will not format the HDD

3. Optional:

Channel- It will show the recording channel information.

Diskstatus- It will show the computer diskstatus

Search- Support to search the channel recording status

System- Support to check the IP address and port, Support import the security certificate to bind the VMS Server.

Note

Security certificate used for when Recorder Server install on another PC. If you want to know how to use the running Recorder Server on another PC, please refer to



8.2.3 Add Storage Server to Client

You can add storage server to the client for storing the video and pictures of the added encoding devices.

Perform this task when you need to add storage server.

Steps

- 1. Go to Maintain-Device, click Add to add the Recorder Server to device list.
- 2. **Type** choose the Recorder, set the Device Name, Input the Recorder Server IP address ,then click Add.

🖻 Note

Please check the Recorder Server IP address from the Recorder Server Service.

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	Device Name		Recod			
	Address		192.168.12	20.41		
	Port		8431			
	Device Protocol					
		Add/Co	ontinue	Add	Cancel	

3. After added, you will see the Recorder Server was added and Online.

Device Name	🗘 Mode	Type	Model	Address	Port	CloudID	Status(2)	Operation	Upgrade
Event	IP/Domain	Event Server		192.168.120.41	8432		Online	₽∅₽∂×…	N/A
Recod	IP/Domain	Record Serve		192.168.120.41	8431		Online	⅊ⅆℴℴᆠႌ	N/A

8.2.4 Configure Storage Settings

When the storage server is available, you can set the recording schedule or capture schedule for the cameras.

Before You Start

The newly installed storage server need to be initialized.

Perform this task when you need to configure storage settings.

Steps



Note: Blue color marked is the scheduled time to record.

- 1. Open Maintenance-Record, Choose the device or channels from group.
- 2. Please confirm choose the Storage Server
- 3. Move the cursor on the schedule, click to choose the time to record.

🖹 Note

Blue color marked is the scheduled time to record.

- 4. **Optional**: support to choose the **Mainstream/Substream** to record.
- 5. Click Save

9 Playback

You can search the video files stored in the local device or the storage server by camera or triggering event, and then play them remotely

There are 4 Playback mode: Normal/Event/Smart/Image Playback.

9.1 Playback Toolbar Introduce

□ x	— <\ II □ ▷I	ID x1 D = = X @ ⊕ ⊞ □ @ 08:00 ,10:00 12:00 12:32:14:00 16:00 18:00 20:00 22:01			
Normal 📕 Event 📕 S	Smart	09:27:34			
lcon	Name	Description			
r,	Close windows	Stop all windows playback			
I [)) —●—	Audio Control	Control the video Audio			
\bigtriangledown	Backward	Playback the video with backward time line			
\triangleright	Play	Start Play the video			
11	Pause	Pause the video playback			
	Stop	Stop the video playback			
	Next Frame	Play the video frame by frame.			
I) x1/4	Slow Play	Play the video with slow speed.			
x16 😥	Fast Play	Play the video with fast speed.			



	Asynchronous	When play 2 or more videos, set this function, they will not play with synchronies		
	Synchronization	When play 2 or more videos, set this function, they will play with synchronies.		
X	Manual Video Cut	Click at the start time, and move the timeline ,click at the end time. Video will be saved in PC.		
Ô	Snapshot	Click to snapshot the video picture.		
€	Digital Zoom	Click and move the curse to the play window, use the mouse wheel to zoom in or out the view in digital zoom mode.		
-+	Timeline zooms in/out	Click '-' the video timeline will be shorter, Click '+' the video timeline will be longer.		

🖻 Note

Synchronous cannot support more than 4 channels.

VMS maximum supports 9 channels playback at the same time. Playback performance is also related to the local host computer performance.

9.2 Normal Playback

Perform this task when you need to search video file by camera or group for normal playback.

Steps

- 1. Click iii to enter the Playback interface.
- 2. Select the Video Playback .
- 3. Select Storage source.

Device:will search and get the video from Device HDDs, MicroSD/SDHC cards

Storage Server: will search and get the video from Storage Server

- 4. Select the date, start and end time which you want to search and playback.
- 5. **Optional**: Enable **Substream**-will search the substream video

Disable **Substream**-will search the mainstream video.

🖻 Note

Need the Storage source record the Substream to support playback with substream. Details check from 7.2.4 Configure Storage Settings

- 6. **Double click** Group /camera which you want to playback.
- 7. The Playback video will play on the right window automatically start from the start time you set.



	S V8.1.43.25		🛓 2023/01/10 15:31 🐵 admin 🗸 🎯	- 14 🖪 🖻 - 🗇 🗡
🔠 Control Panel	🛛 Playback 🛛 🖳 Main	itenance		
	Storage Device ~	2223 0110 05 00.05		
Event Playback	2022/10/28 00:00:00 : 23:59:59 :	PA (
🔅 Smart Playback	Substream			
Image Playback				
may a my such	🗅 My Home			
	🗉 🗅 192.168.3.22	333 Exercise		
	D New Group 1	CUTCOE N H H H H H		
	192.168.120.22			
	I 192.168.120.59			
	🗉 🗅 192.168.120.77			
	I 192.168.120.68			
	🗆 🗅 192.168.120.63			
	CAM 1_192.168.120.63			
	AM 2_192.168.120.63			
	➢ CAM 3_192.168.120.63		~	
	AM 4_192.168.120.63		😅 I 🕹 🕹 🗧 🗧	H I 🐵
	➢ CAM 5_192.168.120.63		02:00 04:00 06:00 08:00	10:00 12:00
	AM 6_192.168.120.63			-
	AM 7 192.168.120.63	Normal Event Smart		
* 🗄 🗇 🔞				

9.3 Event Playback

Perform this task when you need to search video file by camera or group for event playback. **Steps**

- 1. Click interface.
- 2. Select the Event Playback .
- 3. Select Storage source.

Device:will search and get the video from Device HDDs, MicroSD/SDHC cards **Storage Server**: will search and get the video from Storage Server

- 4. Select the date, start and end time which you want to search and playback.
- 5. **Optional**: Enable **Substream**-will search the substream video

Disable Substream-will search the mainstream video.

- 6. Choose the **Event type** you want to search.
- 7. Choose the **Device/Channel** which you want to playback.
- 8. Click Search
- 9. Right side will pop up a window about the Events that be searched.
- 10. **Optional**: support to set the time of Play Before, Play Delay.
- 11. **Optional**: Support to set the video format you want to download.
- 12. Choose the Event to Play or Download



Ξ	Storage Device 🔗	2023/01/10 02/37/01	٥×
□ Video Playback	2022/9/19	Filter	
🖹 Event Playback	00:00:00 : 23:59:59 :	Source Channel Time	
· Smart Playback	Substream	▼	
· · · · · · · · · · · · · · · · · · ·		□ 1 CAM 1_192.168.140.12 08:15:41	
🖃 Image Playback	Motion Detect 🗸 🗸	□ 1 CAM 1_192.168.140.12 08:46:07	
		□ 1 CAM 1_192.168.140.12 08:59:02	, , , , , , , , , , , , , , , , , , ,
		□ 1 CAM 1_192.168.140.12 08:59:36	, , , , , , , , , , , , , , , , , , ,
		□ 1 CAM 1_192.168.140.12 09:00:08	
	E = D 192,168,140,12	CAM 1_192.168.140.12 09:00:31	
		□ 1 CAM 1_192.168.140.12 09:01:07	
	🜌 稡 CAM 1_192.168	□ 1 CAM 1_192.168.140.12 09:01:30	
	□ 💫 CAM 2_192.168	□ 1 CAM 1_192.168.140.12 09:02:33	
	□ 🗠 CAM 3_192.168	Play Before 55	
	□ ≫ CAM 4_192.168	Play Delute 55	
	□ 🂫 CAM 5_192.168	Play Delay 55	
	🔲 ৯ CAM 6_192.168	O mp4 ● dav ● avi Downlo	
	□ 🌣 CAM 7_192.168	 □ ↓ → ↓ □ ▷ ▷ x1 ▷ ↓ @ Q	ЦØ
	□ 🎘 CAM 8_192.168		
	□ 🎘 CAM 9_192.168	22:00 00:00 02:00 04:00 06:00 08:00 10:00 12:00 14:00 16:00 18:00	20:00
	П 🔊 САМ 10 192168		
	Search	08:11:16	

9.4 Smart Playback

Perform this task when you need to search video file by camera or group for event playback.

Steps

🖻 Note

Only support the cameras which enabled Smart Detection Video record.

- 1. Click **I** to enter the Playback interface.
- 2. Select the Smart Playback .
- 3. Select Storage source.

Device:will search and get the video from Device HDDs, MicroSD/SDHC cards **Storage Server**: will search and get the video from Storage Server

- 4. Select the date, start and end time which you want to search and playback.
- 5. **Optional**: Enable **Substream**-will search the substream video

Disable **Substream**-will search the mainstream video.

- 6. Select the Chanel you want to playback and double click it to play the video
- 7. Choose a smart search type, support Draw Line Draw region Motion detection-Draw rectangle Motion detection-Full Screen Face Search
- 8. Click Search Q
- 9. The video will be searched and played.





9.5 Image Playback

Perform this task when you need to search event image by camera or group.

Steps

- 1. Click to enter the Playback interface.
- 2. Select the Image Playback .
- 3. Select the date, start and end time which you want to search.
- 4. Select the Device/Cameras you want to Search
- 5. Click Search
- 6. Right side will pop up an window about the Events Image that be found.
- 7. Choose the Event Images and click Play.





10 Event Alarm

10.1 Device Event Alarm Configure

Please configure the Device Event server, assign device event server and set trigger process that client software could receive the event notifications.

10.1.1 Active Event Server

Perform this task when you need to active storage server.

Steps

- 1. Perform one of the following operations to active Storage Server
 - 1) Right click the **P**VMS Server Icon in mission board ,choose settings
 - 3) Click Server List, enable Recorder Server
 - Open the Event Server as shown below

VMS Server					English ${}^{\scriptstyle}$ $-$
System					Refresh
Maintain	Server	Status	Port	Operation	
Server List	Event Server	Running	8432		
	Recorder Server	Running	8431		
Runtime 02:27:04	IP	Address 192.168.110.21			Port 8088

Event Server

Note

You can also record the video files on the Storage Server installed on another PC.



VMS Server					English 🗡 –
System					Refresh
Maintain	Server	Status	Port	Operation	_
Server List	Event Server	Not running	8432		
	Recorder Server	Not running	8431		
Runtime 00:31:33	IP	Address 192.168.120.41			Port 8088

10.1.2 Add Event Server

Before you start

Please confirm the Event server was actived.

Perform this task when you need to add Event Server.

Steps

- 1. Go to Maintain-Device, click Add to add the Event Server to device list.
- 2. Type choose the EventSVR, set the Device Name, Input the Event Server IP address
- 3. Click Add.
- 4. After added, you will see the Event Server was added and Online in device list.

🖻 Note

Please check the Event Server IP address from the Event Server Service.

Manual Addition		×	Event Server			English 🗡 — 🗆
Mode	O IP/Domain	Cloud ID	System	IP Address: 192.168.120.41		
Туре	EventSVR	~	Maintain	Port: 8432		
Device Name	EVENT			Security : Import Be	ound server : 192.168.120.41	
Address	192.168.120.41			Maximum number of devices :	10	
Port	8432			Maximum number of days to	10	
Device Protocol		~		Maximum number of events :	100000	
				Database save path :	C:\VMS\QVEServer	
				Picture :	C:\VMS\QVEServer	
						Auto Boot 🌖
	Add/Continue Ad	d Cancel	Runtime : 00:00:23			
	IP/Domain	Event Server	192 168 120 41	8432	Online	



10.1.3 Assign Event Server for Devices

Before you start

Confirm the Event Server was added to the Device list and shows online.

Perform this task to assign Event Server for devices.

Steps

- 1. Go to Maintain-Event-Event Server , select the device,
- 2. Click the **Assign** ,the device event server assigned.
- 3. After assigned the event server, that VMS Client could receive the Event when the device alarm triggered.

Event								
Event Server	Event Server	Event	✓ ☑ Assign a	🖞 Clear			Total (1/1) Filter	
Record	Event Server	r 🗘 Device Name	Type	Address	Port	CloudID	Status	Operation
Log search	1 🗹 Unallocated	192.168.120.21	IPC	192.168.120.21	34567	umetp5k237ru	Online	₽₽₿₿
Assigned								
Ev	vent Server	event			~ Ø A	Assign 📩	Clear	

Event Server	event	Assign	📩 Clear
Event Server	C Device Name	Type	Ad
vent 🗹	192.168.140.12	NVR	192

10.1.4 Event Notification Configure

You can configure the device Event Process on VMS

Perform this task when you need to receive the notifications from device on VMS.

Steps

- 1. Click Maintain> Event access the configure page
- 2. Choose the Channels you want configure
- 3. Select the Event Type(Video Lost/Video Shelter/Blurred detection Ect...) you want to configure.
- 4. Click Config, set the Urgent Type、 Actions you want to set. Apply and Save the configuration.
 -Urgent Type:Normal, Important, Urgent, it will show on the event notification.
 -Alarm: It will play the alarm audio on PC, when event notification received.
 -Send Email: It will send the event notification as an email to the receiver set
 -E-map: It will flash the image on the E-map, when event notification happens.
- 5. Enable the **Event Type** that you want to get the notification.
- 6. Click Save

🖻 Note

Actiontask channel, when Alarm event happens, VMS will pop-up the selected Actiontask Channels' window on the computer.



Vid Protec	t CMS	V8.1.43.25							<u>↓</u> 20	23/01/10 15:48 🖉	admin 🗸 🕲 ılı	
Control Panel	3	Playback	G Monitor P	lan	🗟 Alarn	n Center	Ţ	Preview	💽 Mai	ntenance ×		
Device										Event Type	Mulitiple	
Device										Urgent Type		
										Normal		
Group												
Account										Action		
Config										Alarm		
Event										Send E-Ma	il	
Event										E-Map		
Event Server										□ 📑 192.1	68 120 211	
Record										□ 🖬 🖬 192.1		
Log search										⊠ ⊳ 0		
										□ 📰 192.1		
										🗆 📰 192.1	68.120.130	
										🗆 🖽 192.1	68.120.42	
										🗆 🗖 📑 192.1	68.120.81	
										□ ≫ 0	AM 1 Apply	/ Cance
										🗆 🗖 🖽 192 1		Cance

10.2 Alarm Center

10.2.1 Event Notification Quick Bar Introduce

When event notification happens, you will see the notification from the Quick Bar at the bottom of the VMS.

¥	å ¢»	☑ 202	2/09/19 18:28	3:58 Motio	n Detec	tion	CAM	1_192.168.14	0.12	Normal	
- ⊲ ≬	区 2022/09/19 18:2	28:58 Motion	Detection CAM 1 192.16	58.140.12 Normal							
NO	☐ Indicator	Event Name	Start Time	End Time	Event Playbac	Urgent Type	Type	Device Name	Name	Detail Infi	
314	€\$	Motion	2022/09/19 18:28:58			Normal	NVR	192.168.140.12	CAM 1	1	
313	(K	Motion	2022/09/19 18:25:50	2022/09/19 18:25:53		Normal	NVR	192.168.140.12	CAM 1	i	
312	¢\$	Motion	2022/09/19 18:22:53	2022/09/19 18:22:56		Normal	NVR	192.168.140.12	CAM 1	1	
311	« %	Motion	2022/09/19 18:21:09	2022/09/19 18:21:11		Normal	NVR	192.168.140.12	CAM 1	1	
310	6%	Motion	2022/09/19 18:20:20	2022/09/19 18:20:22		Normal	NVR	192.168.140.12	CAM 1	1	
309	¢\$	Motion	2022/09/19 18:16:09	2022/09/19 18:16:11		Normal	NVR	192.168.140.12	CAM 1	1	
308	« \$	Motion	2022/09/19 18:16:04	2022/09/19 18:16:06		Normal	NVR	192.168.140.12	CAM 1	1	
307	« \$	Motion	2022/09/19 18:15:59	2022/09/19 18:16:01		Normal	NVR	192.168.140.12	CAM 1	1	
	lcon					D	escript	ion			
			*					When alarm	happe	ens it will flash.	
							Clic	k to Clear all	Alarm	events in the list.	
	以 》						PC Alarm Audio Enable/Disable				
								Pop-up win	dow E	nable/Disable	
	2022/09/19	18:33:47 1	Motion Detection	CAM 1_192.168.140.1	2 Normal		La	atest event n	otifica	tion information	
1											

Notification Window Locked



	Go to Alarm Center
\gg	Back to bar
*	Expand Notification Bar

10.2.2 Check Real-time Event

If you configured the Device Event server, set the device alarm detection. When the Event Alarm happens, the Events will show on the Alarm center-Realtime Event list when alarm happens. Support to get the Event picture, Event video playback, Event channel pre-view in this interface.

Perform this task if you want to check Real-time Event.

Steps

- 1. Click Alarm Center
- 2. Click Real-time Event
- 3. When Event happens, The event list will show the Event detail information: Event Type,Start/End time,Urgent Type,Device name/ type,Channel name in real-time.
- 4. **Optional**: Event Playback-Click the **I** to playback the event video.
- 5. **Optional**: Select the Event Type to filter the event you want to see on the real-time event.



lcon	Description
Ē	Note on Events
±	Clear Events
d»	Alarm Audio



10.2.3 Search Event

Support to search the event from Event Server.

Perform this task to search the device Event notification.

Steps

- 1. Click Alarm Center ;
- 2. Click Event Search;
- 3. Set the time, choose the camera and select the Urgent type
- 4. Click Search, you will see the Event list
- 5. Optional : You can click the Event to check the event picture and other details

Ξ	Time	Ø 8	atch I	^o rocess	최 Clear Even	t back		F	ilter	
Realtime Event	2022-09-09 17:24:33 · 2022-09-29 17:24:33 ·		NO	Indica	t Event Name	Start Time	End Time	Urgent Type	Type	Device Name
Event search	Alarm Event		313	6 %	Motion	2022/09/19 18:25:50		Normal	NVR	192.168.140.12
				68	Motion	2022/09/19 18:22:53	2022/09/19 18:22:56	Normal	NVR	192.168.140.12
			311	6%	Motion	2022/09/19 18:21:09	2022/09/19 18:21:11	Normal	NVR	192.168.140.12
	🗆 🔳 🗀 192.168.140.12			(%	Motion	2022/09/19 18:20:20	2022/09/19 18:20:22	Normal	NVR	192.168.140.12
			309	(K	Motion	2022/09/19 18:16:09	2022/09/19 18:16:11	Normal	NVR	192.168.140.12
	🛛 🂫 CAM 1_192.168.140.12		308	(%	Motion	2022/09/19 18:16:04	2022/09/19 18:16:06	Normal	NVR	192.168.140.12
	CAM 2_192.168.140.12		307	6 %	Motion	2022/09/19 18:15:59	2022/09/19 18:16:01	Normal	NVR	192.168.140.12
	□ 💫 CAM 3_192.168.140.12		306	6 %	Motion	2022/09/19 18:15:20	2022/09/19 18:15:22	Normal	NVR	192.168.140.12
			201		Motion	2022/00/10 10:11:22	2022/00/10 10.11.26	Marmal	NI1/D	103 160 140 13
	□ 💫 CAM 4_192.168.140.12	Comm	non 3	13 Term	ns 20 ~				K < 1	> > Total 16 Pages
	□	Event	t Deta	iil : 🔥	Motion Detection	on : 192.168.140.12		Sen	d E-Mail Pr	ocess 🛛 👻
	□ 🂫 CAM 6_192.168.140.12	Pictu	10				Handle Log			
	□ ➢ CAM 7_192.168.140.12			14:25:	-9 TR-D2283	WIDZIR7				
	□ 🔉 CAM 8_192.168.140.12		User Name Time					Event Notes		
	□ 💫 CAM 9_192.168.140.12				1 Do	1				
	□ 💫 CAM 10_192.168.140.1			-	AN/	5				
	CAM 11_192.168.140.1									
	Urgent Type		-		2 mg	10				
	🗹 Urgen 🗹 Impor 🗹 Normi	2			TH	and a				
	Search	09946	14				- /			

11 Account

Support to control the user account and authority.

11.1 Modify Password

Perform this task to modify the VMS account user password. **Steps**

- 1. Click Maintenance-Account-Select the account name
- 2. Click **Change** to change the admin account password.
- 3. Input the correct old password and set the new password
- 4. Click OK



	_							
🔠 Control Panel	R	Maintenan	ice ×					
				Account Type				
Device				User Name				
🛆 Account		요 admin		Password				
Config				Account Authority	Oper	ate Auth	ority	Resource Authority
						Name		
∠ Event						Accourt	nt	
Record						Device		
						Playba	c k	
Log search						PTZ		
					•	Alarm (
						Monito		
					V	Log sea	arch	
	Chi	ange					\times	
	U	ser Name	admin					
	0	ld Password						
	Pa	assword						
	Co	onfirm						
					Ok	<	Cancel	

11.2 Create Account and Authority Control

Perform this task to create account and authority control

Steps

- 1. Click Maintenance-Account
- 2. Click + to create new account, select the Account type (Administrator/Operator), Password and select the Operate and Resource Authority.

Note

Resource Authority: support to choose the device /cameras and give the authority

3. Click 'Save' to complete the account create.

R	Maintenance ×				
	+ ×	Account Type	Adm	ninistrator	
	Filter	User Name	Nev	v Account 1	
	요 admin	Password			
	요 New Account 1	Confirm			
		Account Authority	Oper	ate Authority	Resource
				Name	
				Account	



12 System Configuration

12.1 System Configuration

12.1.1 Restore Last Status

Maintenance-Base-Restore Last Status

After enabled, VMS will restore VMS Last Status(Preview, windows);

12.1.2 Auto-run When PC boot

Base- Auto-run When PC boot

After enabled, VMS will running when PC boot;

12.1.3 Auto Full Screen

Maintenance-Base- Auto Full Screen

After enabled, when open the VMS, VMS will open the preview with full screen automatically.

🗄 Control Panel	R	Maintenance ×			
Ē		Base			
Device		File	Restore Last Status		
🛆 Account			Autorun When PC Boot		
🔅 Config		Playback configuration	Autorun when re boot		
्रि Event		Video configuration	Auto Full Screen		
Record		Alarm			
		E-Mail			

12.1.4 Modify File Saving Path

Maintenance-File-Record/Picture

Support to modify the Manual Record/Snapshot file save folder/path.

12.1.5 Record/Picture File Name

Maintenance-File-Record/Picture Name

User can get the explanation the format of the file name.



Base	Record	D:/Protect CMS/Video	
File	Record Name	GUID-CHN-STREAM-YYYYMMDD-HHMMSS	~
Playback configuration	Picture	D:/Protect CMS/Picture	
Video configuration	Picture Name	GUID-CHN-STREAM-YYYYMMDD-HHMMSS	~

12.1.6 Playback Source Configuration

Maintenance-Playback configuration

You can choose the Playback default mode: Device/Storage Server

🔠 Control Panel	🛃 Maintenance ×		
E Device V	Base		
_	File	Video Search Mode	Device
Account	Playback configuration		
Config			
	Video configuration		

12.1.7 Video download file format and display Configuration

Maintenance-Video configuration

- 1. Support to modify the video download format : dav,mp4,avi.
- 2. Support to modify the Snapshot format: JPEG, BMP
- 3. Support to modify the Display Scale:Adaptive,16:9,4:3,1:1
- 4. Support to set whether show the smart rules on the preview screen.

🖻 Note

Smart Rules: It's the line ,circles set on the smart detection.

12.2 Log Search

Perform this task to search the VMS operation log

Steps

- 1. Click Maintenance-Log Search
- 2. Choose the time period, Log Type.
- 3. Click the **Search** to search the log.
- 4. Optional: Select the logs and click to Back up
 - Select the logs and click to Clear the log.



2022-09-09 15:02:28 🛟	🖻 Backup	💼 Clear			TOLAT	20/227)		
2022-09-29 15:02:28 🕻	User Name	Time	Туре	Module	Operation	Type	Device Name	Group Name Ch
a	dmin	2022/09/19 15:09:42	Operation Log	Device	Modify	NVR	192.168.140	
ype a	idmin	2022/09/19 15:02:26	System Log		Login			
System Log a	dmin	2022/09/19 15:02:12	System Log		Logout			
Operation Log a	idmin	2022/09/19 14:39:24	Operation Log	Group	Modify			My House
а	dmin	2022/09/19 14:39:01	Operation Log	Group	Modify			My House
a	idmin	2022/09/19 14:39:00	Operation Log	Group	Modify			My House
а	dmin	2022/09/19 14:39:00	Operation Log	Group	Modify			My House
а	dmin	2022/09/19 14:39:00	Operation Log	Group	Modify			My House
	dmin	2022/09/19 14:39:00	Operation Log	Group	Modify			My House
a	dmin	2022/09/19 14:39:00	Operation Log	Group	Modify			My House
a	dmin	2022/09/19 14:38:58	Operation Log	Group	Modify			My House
a	dmin	2022/09/19 14:38:57	Operation Log	Group	Modify			My House
a	Idmin	2022/09/19 14:37:32	Operation Log	Group	Modify			My House
a	dmin	2022/09/19 14:35:19	Operation Log	Group	Delete			192.168.140
a	dmin	2022/09/19 14:35:00	Operation Log	Device	Delete	IPC	111	
a	dmin	2022/09/19 14:34:27	Operation Log	Device	Delete	IPC	192.168.140	
a	dmin	2022/09/19 14:34:16	Operation Log	Device	Add	NVR	192.168.140	
a	dmin	2022/09/19 14:33:27	Operation Log	Group	Modify			My House
a	dmin	2022/09/19 14:33:02	System Log		Login			
а	idmin	2022/09/19 14:30:58	System Log		Login			
Search	mmon 227 Te	rms 20 🗸 🗸					КК	1 > >

12.3 Help Center

Click the Help Center, You will see the Tools>Player and Tip wizard>Device, Video The player support you to play the downloaded videos . Device>Device Wizard: It will lead you to the device add interface Device>Group Wizard: It will lead you to the Group control interface Video>Preview:It will lead you to the Preview interface Video>Playback: It will lead you to the Playback interface





13 Advanced Module

13.1 Advanced Deployment Mode

Support deploy the VMS Server, Recorder Server, Event Server in different computer. Show as the following picture.



Perform this task to deploy the VMS Server, Recorder Server, Event Server in different computer. **Steps**

- 1. Open the VMS server from the mission board
- 2. Click System- Export the security certificate file



- **3.** Copy the **security certificate file** to the computers which deploy the Recorder Server, Event server.
- 4. Open the Recorder/Event Server from the mission board
- 5. Click System-Security- Import the security certificate file.
- **6.** After Imported, You will see the bound server address will be same of the VMS server IP address, means bind success.



Event Server					
System	IP A	ddress :	192.168.120.41		
Maintain	Port				
Wantan	Security :		Import	Bound server: 19	92.168.120.41
STRECORD Server					
🚔 Disk Config		IP Address :		192.168.120.41	
l Channel	> Channel				
🗐 Diskstatus		Security :		Import	
Q Search	Q Search		iull :	Stop	~
🔅 System					

After imported, the Event and Record server will bind with the VMS server.

After bond, the users could login the VMS client and access the different IP Event/Record Server.

- 7. Login VMS Client
 - 1) Double click the VMS Client icon,
 - 2) Input the VMS Server IP address, and disable the Launch Server. Input the user name and password then click Login.
- 8. Optional: Check the VMS Online user list.
 - 1) Open the VMS Server from mission board
 - 2) Click Maintain-Client List, you will see the Online user list.





VMS Server				English 🗡 –
System	Client List			
Maintain	IP Address	Account	Login Time	
Server List	127.0.0.1	admin	2022/10/31 09:51:39	
Runtime 00:48:01		Address 192.168.120.41		

13.2 Configure the VMS Server

Perform this task to configure the VMS Server,



Double click the VMS Server CMS Server, and VMS server service will running.

Right click the VMS Server Icon in mission board ,choose settings

System >Support Stop the VMS Server

>Support **Export** the Server Security Certificate.

>Support **Edit** the VMS server port. *Stop the server, then edit it and save it.

Maintain> It will show the client list which login and connect the VMS server.

Server List> You can enable the Event server and Recorder server. After enabled , you will see the Event Server, Recorder Server running on the mission board also.

VIIIS Server							
System	Server	Stop		VMS Server			
Maintain	Security	Export		System	Client List		
Server List	D		5.0	Maintain	IP Address	Account	Login Time
	Port		Edit	Server List	127.0.0.1	admin	2022/10/14 16:04

13.3 Configure the Event Server

Perform this tasks to configure the Event Server,

Steps

VMS Sonre

Right click the Event Server Icon in mission board , choose settings

You will see

System> Support to import the Security Certificate from VMS server and bind the VMS server.

>Support edit the other settings.



Maintain> It will show the device list which using the Event Server.

£	Event Server			English	✓ - □
	System	IP Address : 192.168.3.34			
•	Maintain	Port: 8432			
	Maintain	Security : Import E	Bound server :		
		Maximum number of devices :	10		
		Maximum number of days to	10		
		Maximum number of events :	100000		
		Database save path :	C:\VMS\QVEServer		
		Picture :	C:\VMS\QVEServer		
		Save Refresh		Auto Doot	
				Auto Boot	
Ru	ntime : 00:01:32	Address : 1	192.168.3.34	Po	rt: 8432

13.4 Configure the Storage Server

13.4.1 Active Storage Server

-

Perform this task when you need to active storage server.

Steps

- 1. Perform one of the following operations to run the Storage Server.
 - 1) Right click the VMS Server Icon in mission board ,choose settings
 - 2) Click Server List, enable Recorder Server
 - Open the Event Server as shown below

VMS Server					English ${}^{\checkmark}-$
System					Refresh
Maintain	Server	Status	Port	Operation	
Server List	Event Server	Running	8432		
	Recorder Server	Running	8431		

Recorder Server



🖻 Note

You can also record the video files on the Storage Server installed on another PC.

13.4.2 Initialize Storage Server

You should initialize the storage server for the video file storage. Perform this task to initialize storage server.

Steps

- Right click the Recorder Server from mission board access the Record Server setting Page.
- 2. Click **Disk Config**, Select the disk and click the **Initialize** the record disk. After Initialized, that VMS could record the video at Record server.

Note

The Initialization will not format the HDD

3. Optional:

Channel- It will show the recording channel information.

Diskstatus- It will show the computer disk status

Search- Support to search the channel recording status

System- Support to check the IP address and port, Support import the security certificate to bind the VMS Server.

Note

Security certificate used for when Recorder Server install on another PC. If you want to know how to use the running Recorder Server on another PC, please refer to

13.4.3 Add Storage Server to Client

You can add storage server to the client for storing the video and pictures of the added encoding devices.

Perform this task when you need to add storage server.

Steps

- 1. Go to Maintain-Device, click Add to add the Recorder Server to device list.
- 2. **Type** choose the Recorder, set the Device Name, Input the Recorder Server IP address ,then click Add.

🖻 Note

Please check the Recorder Server IP address from the Recorder Server Service.



🗄 Con	trol Panel	E	🔣 Maintenance × 🕻					Ţ	F
Ŀ			+ A0	bb			ŧ		irade
📑 Dev	ice			De	vice N	ame		;	Mod
	Manual Addition						\times		
	Mode	O IP	/Domain		Clou	ıd ID			
	Туре		Recorde	er					
	Device Name		Recod						
	Address		192.168	3.120.4					
	Port		8431						
	Device Protocol								
		Add/0	Continue	A	dd	Cance			

3. After added, you will see the Recorder Server was added and Online.

Device Name	🗘 Mode	Туре	Model	Address	Port	CloudID	Status(2)	Operation	Upgrade
Event	IP/Domain	Event Server		192.168.120.41	8432		Online	▣◪◲♂×…	N/A
Recod	IP/Domain	Record Server		192.168.120.41	8431		Online	▣◙Ģ♂×…	N/A

13.4.4 Configure Storage Settings

When the storage server is available, you can set the recording schedule or capture schedule for the cameras.

Before You Start

The newly installed storage server need to be initialized.

Perform this task when you need to configure storage settings.

Steps

Note: Blue color marked is the scheduled time to record.

- 1. Open Maintenance-Record, Choose the device or channels from group.
- 2. Please confirm choose the Storage Server
- 3. Move the cursor on the schedule, click to choose the time to record.

🖻 Note

Blue color marked is the scheduled time to record.

- 4. **Optional**: support to choose the **Mainstream/Substream** to record.
- 5. Click Save



	AS V8.1.43.25		🛓 2023/01/10 16:18 🐵 admin 🗸 🎯 🖦 🖪 🛆 🗇 🗡
	у Preview EC Playback	EX Maintenance	
Ē	Group		
Device		Storage Server Device	
Device	🗅 My Home	Storage Server Recorder Server V 6	
Group	In 192.168.3.22		
Account	D New Group 1	Schedule Mainstream	~
	192.168.120.22	前 Clear All 🗾 All 🖍 Edit/Erase	Schedule
Onfig	In 192.168.120.59	® Week. 0 2 4 6 8 10	12 14 16 18 20 22 24
🕼 Event	√ 🗈 🗅 192.168.120.77	8 Sun.	
Record	192.168.120.68	3 Mon.	
	ID 192.168.120.63	Tue.	
Log search	AM 1_192.168.120.63	8 Wed.	
	AM 2_192.168.120.63	8 Thu.	
	AM 3_192.168.120.63	© Fri.	
	➢ CAM 4_192.168.120.63	3 Sat.	
	AM 5_192.168.120.63		
	CAM 6_192.168.120.63		
	AM 7_192.168.120.63		
	CAM 8_192.168.120.63		
	CAM 9_192.168.120.63	Соруто	Save
	S CAM 10 192 168 120 63		
■ 1 4 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1 1			B 🗆 🙁

13.5 Set Monitor Plan to preview

Support to set the different Views/Channels and set schedules to play the live video on windows. **Task**: In a view mode ,set the cameras play sequence in different window. **Plan**:set the schedule to play the different tasks.

Create Monitor Task

Perform this task to create and edit Monitor Task

Steps

- 1. Click Create Task to create the Monitor Task.
- 2. Set the **Task name**, click III to choose the monitor view mode type
- 3. Select a **window**, and double click the channel in the device list. You will see the channels will in the right task list as **sequence**.
- 4. Select the Channel in the right list. You can set the Interval time of each channels. Note:The time set is how long this channel lasts on window.

The video will play in the selected window as the sequence set.

- 5. Select another window and repeat the Step 4&5 to set each window's task
- 6. Click **OK** to save the Monitor Task.

+ Create Task	🖌 Edit Task	× Delete Task	+ Create Plan	🖌 Edit Plan	
🗆 🗅 All Tasks		Seq. Window	Name		Interval(s)
l Task1					



Edit Task					×
Task Name			Stream Type	Interval(s)	
Task1			Mainstream	~ 10	10~43200
□ 🗅 192.168.140.12	Chandrad		Seq. Nam	e Interval	(s) Stream Type
➢ CAM 1_192.168.140.12	Standard		1 CAM 2_192.16	3.140.12 10	1
AM 2_192.168.140.12				3.140.12 10	
➢ CAM 3_192.168.140.12	9 13 16 20 25 C	Channel count:4			
➢ CAM 4_192.168.140.12	32 36 64 128				
A CAM 5_192.168.140.12	32 36 64 128				
AM 6_192.168.140.12	Custom				
A CAM 7_192.168.140.12	EM.				
➢ CAM 8_192.168.140.12					
A CAM 9_192.168.140.12					
AM 10_192.168.140.12	Channel count:2 Channel count:2	Channel count:2			
AM 11_192.168.140.12					
AM 12_192.168.140.12					
CAM 13_192.168.140.12					
AM 14 192.168.140.12					
				ОК	Cancel
		Stream Type		Interval(s)	
囲		Substream		10	10~43200
		Seq.	Name	Interval(s)	Stream Type
		1 CAM 1	_192.168.140.12	10	1
		2 CAM 3	_192.168.140.12	30	1
a l		3 CAM 4	_192.168.140.12	10	1
Channel count:6	Channel count:4			10	1
			- _192.168.140.12	10	1
			- _192.168.140.12	10	1
			-		
Channel count:2	Channel count:2 Channel count:2				
				ОК	Cancel

13.5.1 Create Monitor Schedule/Plan

Perform this task to create and edit Monitor Schedule Steps

1. Click Create Plan to create the Monitor Plan.



- 2. Set the **Plan name**, select the task and set the start time.
- 3. Click **Ok** the save the **Plan**.

	Edit Plan						\times
	Plan Name	Plan1		Seq.	Task Name	Start Time	
	Task Name	Task2		1	Task1	09:25:16	
	Start	09:35:32	*	2	Task2	09:35:32	
	Add	× Delete					
		e Cancel					
					OK	Cancel	
🗉 🗀 AI	ll Tasks			Sec	ą. Task Na	me	Start Time
🗆 🗀 Pi	an1			1	Task1		09:25:16
\$	Task1_09:2	5:16		2	Task2		09:35:32
	Task2_09:3	5:32					

13.5.2 Use the Monitor Plan on Preview interface

Click the Monition Plan, choose the Plan / Task you want to monitor. The preview window start to play the live video as the Plan/Task you set.



13.6 Auxiliary Screen Preview

Display the live video on different auxiliary screens for the convenient preview of multiple monitoring scenes.



Perform this task to display the live video on different auxiliary screens.

🖻 Note

Up to 3 auxiliary screens are supported.

Before you start

Please connect another screen/display to the PC you running the VMS

Steps

1. Click Add Screen,



- 2. Select the added displayer item
- 3. Set the Preview name

				×
Previ	ew Name			
Bind	Screen	*-*-\\.\DISPLAY1		Test
Seq.	Name	Ratio	Size	Orientation
1	*-*-\\.\DISPLAY1	1920x1080	598mmx336mm	Portrait
2	*-*-\\.\DISPLAY2	1536x864	309mmx173mm	Portrait
			0	K Cancel

- 4. Click OK
- 5. You will see the new Screen icon added on the Control Panel.



6. Click the new screen, then double click the new screens Tab

You will see the new screen will display on the screen that be bond before.

- 7. **Optional**:
 - 1) Edit the added screen :Right click on the added screen,click Set Screen,support to edit the screen name and bond screen.
 - 2) **Recall screen**: Right click on the added screen, click **Recall**, support to recall the screen back to maincontrol panel.
 - 3) **Delete**: Right click on the added screen, click Delete, it will delete the screen.





13.7 PTZ Control

The VMS provides PTZ control for cameras with pan/tilt/zoom functionality. During the PTZ full control panel, you can set preset, patrol, and pattern.

Click to expand the control panel get the PTZ full control Panel.

PTZ				^
•		7 1	@ @ ⊞ ⊞ 0 ©	
Speed	1 —		•	8
PTZ				~
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Speed	1 —		•	8
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3		eset3		
4				
5		eset5		
6 7		eset6 eset7		1.
8		eset8		
9				



13.8 E-Map

Support to add an Image as Map, and place the cameras on the Map. Easy to control and monitor the device.

13.8.1 Set E-Map

Support to set the cameras on E-Map for easy control.

Perform this task to create the E-Map

Steps

- 1. Click the **E-Map**
- 2. Set the map Name
- 3. Click the PicturePath to choose a picture as E-Map,Click OK
- 4. Click Edit Mode Choose the cameras from Device list
- 5. Drag the cameras to the position on the E-Map that you want to put.
- 6. Click Save.

Contro

Group	Add Map	
192.168.140.12		
🗅 My House	Name	
Default group		
	Picture Description	
	Description	
	PicturePath	
		OK Cancel
🕑 E-Map 🐣		





13.8.2 Live view on E-Map

Support to check the live video on the E-Map

Perform this task to check the live video on the E-Map

Steps

1. Click the **E-Map**

Click the Channel 🔊 on E-Map, the Channel Live view will be shown on the window.

