iCMS

Central Management Software

User Manual



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1. iCMS Installation

1-1. System Requirements

- CPU: Intel Pentium 4 processor or higher.
- OS: Microsoft Windows 7, or Windows 8 or above
- RAM: 2GB required for the iCMS, besides OS and other required APs.
- HDD space: 1GB HDD for program and extra space for recorded video and image.
- VGA card support: Direct X9 is mandatory.

1-2. Bandwidth Requirements

Stream	Bandwidth Table	Bandwidth (Unit bps)							
Sueam	Resolution	1CH	4CH	9CH	16CH	25CH	36CH		
Moin	1080p (1920x1080 30fps)	8Mbps	8M	32M	72M	128M	200M	288M	
Main Stream	720p (1280x720 30fps)	4Mbps	4M	16M	36M	64M	100M	144M	
Sucam	960H	2.5Mbps	2.5M	10M	22.5M	40M	62.5M	90M	
Sub	nHD (640x360 30fps)	1.5Mbps	1.5M	6M	13.5M	24M	37.5M	54M	
Stream	CIF	0.75Mbps	0.75M	3M	6.75M	12M	18.75M	27M	

1-3. Installation

The software must be installed on your computer before you are able to use it. Typically, you copy the executive file from the CD that is carried with device, and then install the file on your computer. Verify that your computer meets the iCMS software system requirements.

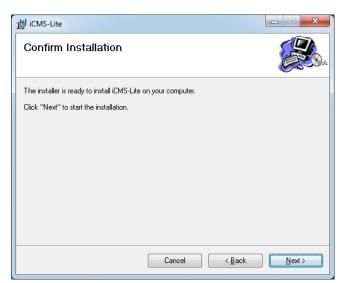
- Step1. click the iCMS installation icon
- Step2. When the installation wizard starts, click 'Next' to continue the installation and follow the steps in the installation wizard



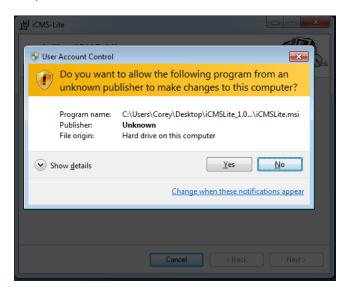
Step3. The wizard will suggest an installation path. Normally, you can simply go ahead and use the suggested installation path

訬 iCMS-Lite	
Select Installation Folder	
The installer will install iCMS-Lite to the following folder.	
To install in this folder, click "Next". To install to a different folder, enter it be	low or click "Browse".
Eolder: C:\Program Files\CMS-Solutions\iCMS-Lite\	B <u>r</u> owse
	Disk Cost
Install iCMS-Lite for yourself, or for anyone who uses this computer:	
Everyone	
⊚ Just <u>m</u> e	
Cancel < <u>B</u> ack	<u>N</u> ext >

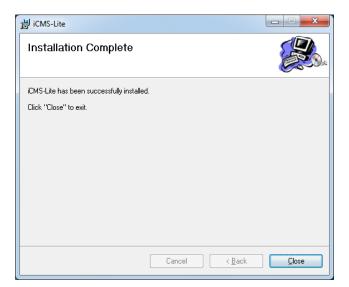
Step4. Click 'Next' buttons and waiting progress of installation.



Step5. Click Yes to continue.



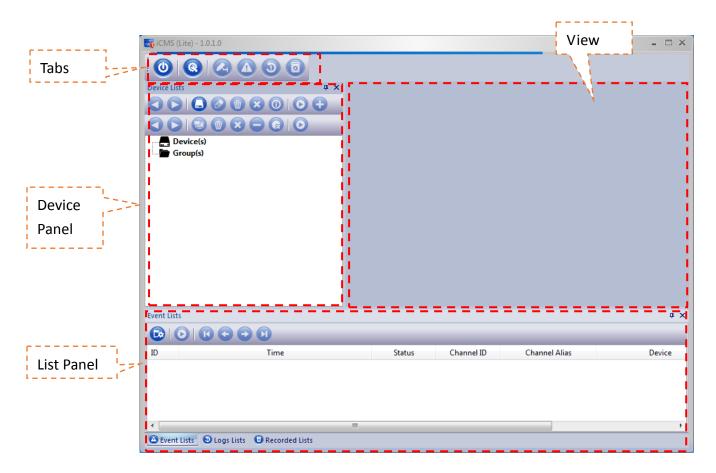
Step6. Click close to complete.



2. Start to iCMS

2-1. iCMS Introduction

When start iCMS software the main screen as below:



View

The way in which video from your surveillance system's cameras is displayed in the iCMS SW is called a view. A single view may contain video from up to 32 cameras. Each view's layout can be customized to fit its contents.

The SW also supports multiple windows and screens, allowing you to watch multiple views at a time on multi monitors.

Tabs

Tabs to select or hide main panel. The SW has six bottom



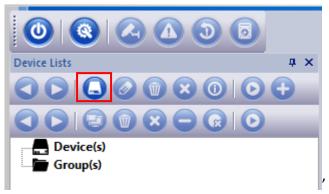
lcon	Function	Description
٢	Exit	Exit the iCMS
	System Settings	Open the systems panel
	Device list	Display device list panel
	Event list	Display event list panel
٢	Log list	Display log list panel
0	Record list	Display record list panel

System Settings panel

Setting main when the view switch single view or multi-split view

System settings
Change Stream Resolution When the view switch automatically selects the suitable resolution.
Multi-Split View Stream 1 Single View Stream 2
\bigcirc When the view switch, do not change the resolution.
Exit

2-2. Add Device and Live View



Step1. Select add device icon to add new device

Step2. Enter the following information in sequence. After the input is complete, click "OK" to close the window. Press" Cancel" to close window.

Device Add	
Address	192.168.0.1
Port	80
Device Alias	Demo
Account	admin
Password	•••••
(OK Cancel



Step3. Click Play Stream bottom to view device live video.





2-3. Add Group

Step1. Select create group icon to add new group



Step2. Select open stream view icon to vieww group



Device Lists	ά×	Group(s) - Group	01 X				•
	Ð			49(
C Device(s) Group(s)	-	available	available	available	available	available	available
Group 1		available	available	available	available	available	available
		available	available	available	available	available	available
		available	available	available	available	available	available
		available	available	available	available	available	available
		available	available				

Step3. Ths iCMS has two mothed to add device to group.

Mothed 1. Select group operation icon to add camera device to group.

Device Lists 4 ×	: [Group(s) - Group	1 x	_	_	_	-
				0 0 0			
	C	reate and add to	the group	90	6 25 36		
	A	dd to the group		► Group			
Device(s)		available	available	available	available	available	available
🗄 🗸 🗸 Demo							
		available	available	available	available	available	available
🕑 IS-BL0101 720P							
Analog camera							
		available	available	available	available	available	available
		available	available	available	available	available	available
		avaliable	available	avaliable	avaliable	avallable	avallable
• HD08							
		available	available	available	available	available	available
		available	available				

			×				
Device Lists	ά×	Group(s) - Group	01 X				
				496)	
			available	available	available	available	available
		available	available	available	available	available	available
•• HD10 •• HD11 •• HD12		available	available	available	available	available	available
		available	available	available	available	available	available
	E	available	available	available	available	available	available
Group 1	080P)	available	available				

Device Lists	φ× G	roup(s) - Grou	p1 x					
	Ð					29 (
		available	available	availa	ble av:	ailablı		
		available	available	availa	ble av:	ailablı		
Analog camera HD04 HD05	=	available	available	availa	ble av:	ailablu		
HD06				·				
Device Lists 4 ×	Group(s) - Grou					•		
)	_		
		available	available	available	available	available		
	available	available	available	available	available	available		
	available	available	available	available	available	available		
	available	available	available	available	available	available		
	available	available	available	available	available	available		
Group 1 ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓ ↓	available	available						

Mothed 2. Drop camera form device list to group.

2-4. Live View

The iCMS also supports multiple windows and screens, allowing you to watch multiple views at a time on multi monitors. When you select the iCMS live tab, the SW will connect to the surveillance system server, and display live video from the cameras in the selected view.



lcon	Function	Description
	Pop-up window	Presents a floating pop-up windows.
	Play / Stop sound	Play / Stop sound of a channel.
	PTZ control.	Control PTZ of a channel.
	Single window	Display video of a channel.
4	Quad window	Display video of 4 channels.
	9 split window	Display video of 9 channels.
	16 split window	Display video of 16 channels.
	25 split window	Display video of 25 channels.

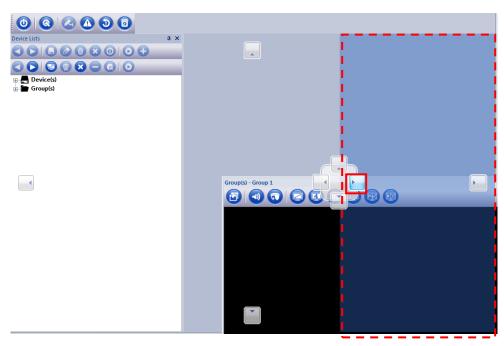


Floating Matrix

Press Pop-up window bottom and drop window title you can move window to other area.

Device Lists # ×	Device(s) - Demo	•
	Group(s) - Group 1	×
n		
	available	
Event Lists		
ID Time	Status Channel ID Channel Alias	Device
1 7/9/2014 2:35:56 PM	connection su	Demo
<	III.	•
🙆 Event Lists 🧕 Logs Lists 📵 Recorded Lists		

When you move pop-up window to align bottom, the screen will show align area.

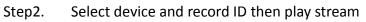


2-5. Remote Playback

View recorded video on the iCMS.

Step1. Click record list bottom

Device Lists		4 × Device(s) - Demo Grou	ıp(s) - Group 1 Recorded	l Lists - Demo [7/9/2014 1	:00:00 PM] 🗙		
	800						
Coup(s)					VIDEO LOSS		
		Disconnection	Disconnection	Disconnection	Disconnection		
		Disconnection	Disconnection	Disconnection	Disconnection		
		Disconnection	Disconnection	Disconnection	Disconnection		
Recorded Lists		Disconnection	Disconnection	Disconnection	Disconnection 		
Recorded Lists Demo				Disconnection			
				IE .			
	ID) I C C C C C C C C C C C C C C C C C C	End Tim	ie 559 PM]			
	ID 73	↓ ★ ← ↓ ↓ © Start Time [7/9/2014 3:00:00 PM]	End Tim (7/9/2014 3:26	ie 559 PM] :00 PM]			
	ID 73 72	Comparison of the second	End Tim [7/9/2014 3:26 [7/9/2014 3:00	e 59 PM] :00 PM] :00 PM]			
	ID 73 72 71	Image: Start Time [7/9/2014 3:00:00 PM] [7/9/2014 2:00:00 PM] [7/9/2014 1:00:00 PM]	End Tim (7/9/2014 3:26 (7/9/2014 3:00 (7/9/2014 2:00	e 59 PM] 50 PM] 50 PM] 50 PM] 500 PM]			



Demo				
	ID	Start Time	End Time	
	73	[7/9/2014 3:00:00 PM]	[7/9/2014 3:28:59 PM]	
	77	[7/9/2014 2:00:00 PM]	[7/9/2014 3:00:00 PM]	
	71	[7/9/2014 1:00:00 PM]	[7/9/2014 2:00:00 PM]	
	70	[7/9/2014 12:00:00 PM]	[7/9/2014 1.00.00 PM]	
	69	[7/9/2014 11:00:00 AM]	[7/9/2014 12:00:00 PM]	
	68	[7/9/2014 10:37:00 AM]	[7/9/2014 11:00:00 AM]	•

lcon	Function	Description
	Restore original layout	To restore control of the original field layout.
\bigcirc	Play video stream	Play the select video stream.
K	Move to first	Move the focus frame to the first record.
C	Move to previous	Move the focus frame to the previous record.
•	Move to next	Move the focus frame to the next record.
	Move to last	Move the focus frame to the last record.

l	0	
	\mathbf{U}	

Refresh

2-6. Event Playback

When start the iCMS software, the iCMS will record system event in the iCMS. User can playback event record.

Group(s) - G							-
evice Lists	ά×	Device(s) - PTZ Recorded	Lists - Demo [7/15/	2014 12:00:00 PM] ×	_		
3 🕞 🚨				16 25 36			
				E - N ROOM AND AND		10.000 B 10.00	
Device(s)		C THE			VIDEO L	DSS
		Disconnection	Disconnec	tion Disconn	ection	Disconnec	tion
		Disconnection	Disconnec	tion Disconn	ection	Disconnec	tion
		Disconnection	Disconnec	tion Disconn	ection	Disconnec	tion
vent Lists							ą
B 0 (
	Time	Status	Channel ID	Channel Alias		Device	
D			8	CH08		PTZ	
	7/15/2014 3:35:31 PM	record status c	8	01100			
144	7/15/2014 3:35:31 PM 7/15/2014 3:35:31 PM	record status c record status c	7	CH07		PTZ	
144 143			-			PTZ PTZ	
144 143 142	7/15/2014 3:35:31 PM	record status c	7	CH07			
5144 5143 5142 5141	7/15/2014 3:35:31 PM 7/15/2014 3:35:31 PM	record status c record status c	7 6	CH07 CH06		PTZ	
D 5144 5143 5142 5141 5140 5139	7/15/2014 3:35:31 PM 7/15/2014 3:35:31 PM 7/15/2014 3:35:31 PM	record status c record status c record status c	7 6 5	CH07 CH06 CH05		PTZ PTZ	
5144 5143 5142 5141 5140	7/15/2014 3:35:31 PM 7/15/2014 3:35:31 PM 7/15/2014 3:35:31 PM 7/15/2014 3:35:31 PM 7/15/2014 3:35:31 PM	record status c record status c record status c record status c	7 6 5 4	CH07 CH06 CH05 CH04		PTZ PTZ PTZ	

Step2. Select event ID then play stream

ent Lists						ņ
900						
	Time	Status	Channel ID	Channel Alias	Device	
147 👇	7/15/2014 3:35:44 PM	record status c	1	CH01	PTZ	
146	7/15/2014 3:35:44 PM	video motion i	3	CH03	PTZ	
145	7/15/2014 3:35:43 PM	video motion i	3	CH03	PTZ	
144	7/15/2014 3:35:31 PM	record status c	8	CH08	PTZ	
143	7/15/2014 3:35:31 PM	record status c	7	CH07	PTZ	
142	7/15/2014 3:35:31 PM	record status c	D	CH06	PIZ	
	7/15/2014 3:35:31 PM			CH05		

lcon	Function	Description
	Restore original layout	To restore control of the original field layout.

$oldsymbol{0}$	Play video stream	Play the select video stream.
K	Move to first	Move the focus frame to the first record.
C	Move to previous	Move the focus frame to the previous record.
•	Move to next	Move the focus frame to the next record.
	Move to last	Move the focus frame to the last record.

2-7. PTZ Control

if your views contain PTZ (Pan/Tilt/Zoom) cameras, you can control the PTZ cameras with the Live tab's PTZ Control.



PTZ Navigation Buttons

Use the navigation buttons in the PTZ Control pane to move the selected PTZ camera.

The **Arrow buttons** let you move the position of camera view.

The item of '**ZOOM**', '**FOCUS**' and '**Iris**' let user can control the item manually.

POSITION STEP is a distance during Pan/ Tilt works.

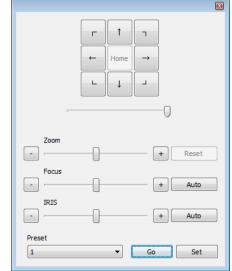
PTZ Preset Positions

You can set the preset of PTZ camera from PTZ control panel.

If preset positions have been defined for the selected PTZ camera already, you are able to select such positions.

To set preset.

- 1. Move the PTZ view point by navigator arrow.
- 2. Select any number for preset numbering.
- 3. Press [SET] button to save the position.



To run preset.

- 1. Select one of preset number on the list.
- 2. Press [Goto] button, PTZ camera view will move to predefined position.

2-8. Removing the iCMS software from PC.

To remove the Smart Client, do the following:

1. In Windows' start menu, select All SW, and select Uninstall in iCMS folder. This will open the uninstall Programs window.

2. In the uninstall Programs window, select uninstall button.