GTC IP User Manual For Easy Connection IP Cam Series



Seeing the video from anywhere

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Introduction

GTC IP is a 36 channel video management software package which is included with this Series IP Cameras. With this GTC IP software, it is just a mouse-click away to see the video of your IP Camera and surprisingly neither technical knowledge nor complex settings are required. Each IP Camera has a unique Camera ID (9 digits long) and a password for logging in to see the video.

System Requirement

- 1. Operation System: Windows XP SP2 and Up
- 2. Pentium 4 CPU 1.5GHz; 512MB & up DRAM

Note: For more than 4 cameras display, more powerful CPU and higher DRAM is needed

GTC IP Manual

Install GTC IP Program

Step 1. Please close other windows applications before proceeding.

Step 2. Insert the installation CD into your CD-ROM drive and find the GTC IP Installer.exe. Double click it to start the installation process and you will see the

"Welcome" window. Click



Step 3. If you are uncertain if the Framework 2.0 is already installed on your PC, please

check .NET Framework 2.0. Click to proceed installation.

F				
	- N	load	~	
E.	- 13	IEXI	1	
1.000		and showing		

Select components to install:	GTC IP Camera List settings Schedule recording setting Recorded files Snapshot files	Description Position your mouse over a component to see its description.
Space required: 0.0KB	۲ III کا ا	
	< Back	Uninstall Cancel

Step 4. Make a selection and click

<u>N</u>ext >

to proceed



	SGTC IP 3.2.1 Setup: Installation Folder
	Choose Install Location
Step 5. Click Next > to proceed.	Choose the folder in which to install GTC IP 3.2.1.
	Setup will install GTC IP 3.2.1 in the following folder. To install in a different folder, click Browse and select another folder. Click Next to continue.
	Destination Folder C:\Program Files (x86)\GTC IP Browse
	Space required: 26.1MB Space available: 424.0GB
	< Back Next > Cancel
	🛃 GTC IP 3.2.1 Setup
Step 6. click	Choose Start Menu Folder Choose a Start Menu folder for the GTC IP 3.2.1 shortcuts.
	Select the Start Menu folder in which you would like to create the program's shortcuts. You can also enter a name to create a new folder.
	GTC IP
	Accessories Administrative Tools AVAST Software AVG BDE Information Utility Firebird 2.5 (Win32) Games HP Maintenance McAfee Security Scan Plus Microsoft Office 2013 OBM Profescional Examples System OBM Profescional Examples

Step 7 Click <u>Einish</u> to exit. GTC IP installation now is completed.



< Back Install Cancel

Startup and the layout of GTC IP

1. Startup GTC IP

You can startup GTC IP from either Start Programs GTC IP or the shortcut of GTC IP on the windows desktop.

Disk space information for recording

2. Layout of GTC IP



3. Display Mode

GTC IP supports 10 display modes. By pressing each mode, you can have a different live view display.



Managing GTC IP Camera IP cameras

Right click the *"Camera List"*. You can add a new IP cam, create a new folder, rename the IP cam or the folder, and delete any IP cams or any folder.



1. New Camera

Users can add a new camera to the list by entering IP cam ID and password. Users can also name the IP cam.



2. New Folder

Users can group IP cams by creating a new folder.



3. Rename

You can rename the folder.

r shows up after
ename folder

4. Delete

You can delete the folder.



5. Refresh Status

You can click Refresh Status to update the latest connection status of cameras

6. Camera Adjustment

By right clicking on a green light status IP cam, you can access the video display, do ID and password settings, adjust video settings, upgrade firmware, and delete from the list.



Note: Camera status must be green in order to access function list.

7. Play on Selected Window



8. ID / Password Settings

NAS Playback Firmware upgrade

Delete camera

3.

All the settings are

its function.

categorized according to



10

Update

1.

Preference

•

Image quality - If bandwidth is not enough for the video

Click Update for the

changes to take effect.

Cancel

Quality Function Tab *Bandwidth*

Available selections are from 64K to 1.5M. Appropriate bandwidth setting must match the camera physical site internet uploading bandwidth. Higher bandwidth contributes better picture quality.

Video Setting

If you check the box of select the best resolution and frame rate automatically, the camera will automatically adjust the most suitable video setting in Resolution and Frame Rate *Resolution*: higher resolution you set, bigger image you get.

Frame rate: Frame per second (1 to 30fps), higher frame rate you set, smoother motion you get.

Preference

By selecting Image Quality, the camera automatically adjusts itself for image quality as priority in case of interference with the network environment. Vice versa, by selecting the Video Motion, the camera automatically adjusts itself for video motion.

Video Function Tab

Video Color

User can set the video as colored image or black and white image.

Brightness

Control the brightness of the camera video from 1(dark) ~ 10(Bright) level

Sharpness

Control the level of sharpness and clearness of the image

Low Light Sensitivity

The level of the camera senses the low light condition.

Place

You can choose the camera installation environment in order to make camera automatically adjust for the best image quality.

OSD

On Screen Display. Enabling this function will make the camera embed the time information into the picture.

Microphone

Disable or enable the microphone. When you enable the Mic., the user who monitors the image can hear the sounds.

Video Flip

This function is only available for the Pan Tilt type of camera to flip the image.

Quality	Video Control Camera Info
Vid	eo color
	Color
Bri	ghtness
	5 (Medium 🖌
Sha	apness
Lov	w light sensitivity
	Very high 🔽
Plac	ce
	Indoor 🖌
	Light frequency 60 Hz
OSI	D
	💽 Enable time display on video
Mic	rophone
	Disabled 💌
-Vid	eo flip
	Normal 🗸



Check the box to allow user remotely controls the motors for Pan and Tilt. (Only available for the Pan/Tilt type of camera)

Status of LED Control

User can control the behavior of the status LED.

Motion Detection Sensitivity

The level of how sensitive the camera is in terms of the motion detection.

Quality	Video	Control	Camera Info.	
	Allow ren	note to cont	rol the Pan and	Tilt
Sta	atus LED	Control —		
	Norma	əl		~

Camera info Tab

Show the IP camera information and firmware version.



10. 3GPP Setting

S Cuntord List	Door	Bandwidth 64 K The bandwidth for the camera
Door Fish Demc Numb	Play on selected window ID / Password settings Video settings 3GPP settings	Video settings ✓ Select the best resolution and frame rate automatically Resolution
In g De	SD Card Playback NAS Playback Firmware upgrade Delete camera	32bc240 - Frame rate - 5 -

To allow 3GPP connections from mobile phones, user has to enable it.

Bandwidth

The bandwidth setting for 3GPP connection from 32k to 256K.

Video Setting

Check the box to make the camera determine the best combination of the resolution and frame rate according to the given bandwidth.

Microphone

Allow user to hear sounds on the 3GPP Device

2. Window shows recorded files in NAS which selected camera records videos.

11. NAS Playback











13. Firmware Upgrade

In case of new firmware is released, enter FTP server address, FTP username, firmware name, and FTP password to upgrade camera firmware.

The default password of Authentication is "admin".

Note: Users can change the default Firmware Upgrade Authentication password in the Web Page Configuration. Please refer to page 34.

GTC IP		Enter FTP information.	v3.1.0 2012/0
Camera List Door Fish Fish2 Demo Office Office2 Number 1 Demo3	Fish Firmware upgrade - I FTP Server: FTP username: FTP Password: Firmware file name: Iick Upgrade Upgra	Fish / 001006074 ftp.starvedia.com upgrade ******* IC202w-gen-020407-n.f ade Cancel tication	Click Plain text to unhide/see the password.
Auto search 001005018 001011214 001113173	Admin act	count: admin ssword: OK Cancel	Enter Password and click OK
Firmware upgrade - Fish	/ 001006074 Downloading 6%		Upgrading status bar appears to indicate the progress of upgrading.
Firmware upgrade - Fish	/ 001006074 Erasing Flash 5%		
Firmware upgrade - Fish	/ 001006074 Writing Flash 19%	6	

14. Delete



Displayed Video Control

Use mouse to select displayed window. Right click to see various functions.



- **1.** *Full Window:* Choose it to display video in full window. Users can also double click the information bar to display in full window. Double click the displayed video to make full screen display. One more double click changes back to normal window display mode.
- 2. Auto Reconnect: Checking "Auto reconnect" option reconnects the video session automatically if the session is closed by the IP Camera, for example, the settings of the IP Cam has been changed or the Internet connection of the IP Cam has lost.
- 3. Stop: Click to stop video displaying.
- 4. Pause: Click to pause video displaying.
- 5. *Motion Recording:* Click to enable motion detection recording. When motion detection recording is activated, recording status turns to Green.



6. Properties: Show current IP cam's frame rate, consuming bandwidth, resolution, and video compression.



7. Snapshot & Continuous Recording



8. Auto Search



Auto search is a function that searches for all IP Cameras on your LAN (Local Area Network). At the very beginning of GTC IP startups, GTC IP automatically does the auto search.

To do auto search manually, double click on the "Auto Search" folder. GTC IP searches all available IP cams in the LAN and lists all IDs under the folder. Right click on the find Cam ID and select "Web Configuration" to access the IP cam's web page for configuration. Move the mouse cursor over the Cam ID under Auto Search, you can see the IP address of that Camera.



9. IP Cam online status indicator

There is an IP Cam icon in front of the Camera Name which indicates the online status of that IP Camera.



Note: The green icon indicates the IP Cam is online and responding, but not guarantees that the video session can be established 100%. Unfavorable Firewall setting may block the video.

10. Pan Tilt Panel Function

Connect to Pan Tilt Dome Camera and drag to any channel in the software, the Pan Tilt Panel will be activated as below:



Pan Scan: make the Pan Tilt Dome move left and right

Tilt Scan: make the Pan Tilt dome up and down

Speed: the speed of Pan Tilt Dome has 3 level of speed (3 is the fastest, 1 is the slowest)

	: Move Up
V	: Move Down
	: Move Right
-	: Move Left
Н	: Move Back to Home

Patrol: User can have 1 set of Patrol and 5 points for each Patrol. To set each point for the patrol, User can use the direction arrow in blue to set each point the user want to stop in a patrol. After set each point, click "set" to save each point.



Preset: This function will be activated after any PTZ Dome connect with video server

Zoom in & out: This function will be activated after any analog PTZ Dome Camera connect to IP video server

GTC IP Software Functions



1. Setting



Click Setting and get into the Setting Function menu.

Directories Settings: to set the directory path for the Recording and Snapshot

Directories Startup options	Directories settings		Click to open the
Firmware upgrade Fixed IP access Login Image ratio	Recording Save the recording files in the MppData&Roaming@CamVies If disk space is less than Circular recording Stop recording	folder: WRecording Open Change 0 GB (Available: 32.8 GE Arrange storage HDD recording space and method	recording folder. Click to change the path Available disk space of current selected hard drive
-	Snapshot Save the snapshot files in the f	folder:	
Snapshot (file folder path	OK Cance	

Startup Options: Determine the camera state at startup

Automatically start GTC IP when Windows starts: When Microsoft Windows starts,

GTC IP will start running automatically.

<u>Restore the last time playing/running state:</u> Restore the state of each video window to what it was before GTC IP closed.

Startup options	Startup options settings
Firmware upgrade Fixed IP access Login Image ratio	 Automatically start CamView when Windows starts ✓ Restore the last time playing/running state when CamView starts
	Click ok to save the setting

Firmware Upgrade: Here you can assign the default values for firmware upgrade. By doing so, it saves your time to enter the same information every time.

Directories Startup options	Firmware upgrade se	ettings		
Firmware opgrade Fixed IP access Login mage ratio	FTP Server:	ftp.starvedia.com		
	FTP usemame:	upgrade		
	FTP Password:	upgrade	-4	The FTP Into for downloading the firmware
	Firmware file name:	IC202w-gen-020407-n.	fl	
	6-76		Firmware fi	le name varies
Clic	k okay to save the settin	ngs.	camera you	use. Please

Fixed IP access: Here you can assign a fixed IP address when connect to IP Cam.

Directories Startup options	Fixed IP access
Fixed IP access Login Image ratio	Connect to IP camera with fixed IP address Please check it.
Clie	ck okay to save the settings.

Login: Here you can enable login function to protect your GTC IP software opened from other persons.

Directories Startup options Firmware upgrade	Login
Findware upgrade Fixed IP access Login Image ratio	🔿 Disable 💿 Enable
	User Name
	admin

Image ratio: Here you can enable keeping the image ratio of all the live video.

Settings	×
Directories Startup options Firmware upgrade	Image ratio
Fixed IP access Login Image ratio	Keep image ratio
	OK Cancel

2. GTC IP Play



Click GTC IP Play to start it for playback.

3. Scheduling



Click Scheduling to configure scheduled recording/playing.

Schedule the time for each channel to be used and recorded by certain camera

Camera: The information of the camera to be connected. You can either double click on one of the listed cameras or drag the camera off the Camera field to import the settings. Of course, manually key in the Name, CamID and password is fine as well.

Mode: There are 3 modes available to choose from:

Play Only: Live view only, no recording.

Continuous recording: Keep recording 24/7 in between the date you set for start and stop Periodic recording: Recording the period of time in a day you set.

Continuous Record	Window number.	Enable/disable the schedu for current window numbe	ling er.
Scheduling Camera List 001034050 001119149 001029147 001029147 001001033 001001033	Window # 1 Disable Camera Name 001034050	Enable CamID: 001034050 Password The sci	
001140041 001225222 001069242 001006077 fish_derr room_r room_r upor Enter the informat be connected.	Play only Play only Play only Play only Continuous recording The sta Start (Hour:Minute) 2011/02/22 ion of the camera to [2005]	© Periodic recording rt/end time (for play only/continu 08:00	ous recording m
001004251 001086226 001235137	Everyday Weekday Sunday Monday Tuesday	Wednesday Thursday Friday	Saturday
	Start (Hour:Minute) 08:00	Stop 18:30 🚖	alaving

Periodic Recording

001034050 001119149 001029147 001154198	Window # I Image: Camera Name 001034050 CamID : 001034050
001001003 001001003 001140041 001225222 001069242	Mode Play only O Continuous recording Periodic recording (Periodic recording (Periodic recording))
🔋 001006071 	Play only / Continuous recording Start (Hour:Minute) 2009/01/01 08:00 > Stop 2009/01/02 18:30 >
	Periodic recording The period of time for this schedule to be valid Time period Time period 2009/01/01 ~ 2009/01/02 Arrange the days of week © Everyday © Weekday
	Sunday Monday Tuesday Wednesday Thursday Friday Saturday
	Start (Hour:Minute) 08:00 (18:30 (18:30 (18:30))
	Recording/Playing Conflict

Recording/Playing Conflict: When the schedule time is reached, the program needs to determine either to run the scheduled camera or keep the currently used camera for this window. Choosing "Record as scheduled", GTC IP connects to the scheduled camera. Choosing "Give up the scheduled recording", GTC IP ignores the scheduled event and keeps the current connected video session.

4. Language



Click Language button to change the language settings.

Right now, GTC IP supports 13 languages as following: English, Chinese, Japanese, French, Italian, Spanish, Hungarian, Turkish, Czech, Hebrew, Thai, Greek, Finnish, Danish, German, Portuguese Portugal, Russian, Dutch, Polish, Lithuanian, and Korean.



5. All Function



Any of following functions applies to all the channels in current layout only.

- Record all: start/enable recording.
- Snapshot all: Take snapshot.
- Play all: Start playing.
- Pause all: Pause.
- Disconnect all: Stop playing.
- Clear all connection info: Clear all video information of all cameras.

Appendix I: Uninstall GTC IP

There are two ways to invoke the GTC IP uninstaller.

1. Uninstall from the start menu

.Start GTC IP Uninstall GTC IP

2. Uninstall from the control panel .Start Settings Control Panel Add or Remove Programs .Select GTC IP program and click "Change/Remove".



Step 1: Once the GTC IP uninstaller has been invoked, the uninstall screen shows up. Press "Next" button to move on.

🛃 GTC IP 3.2.1 Uninst	all		
Uninstall GTC IP 3 Remove GTC IP 3.2.	.2.1 1 from your computer.		5
GTC IP 3.2.1 will be i	uninstalled from the followin	ng folder. Click Next to conti	nue.
Uninstalling from:	C:\Program Files (x86)\GT	CIP	
	(< Back Next >	Cancel

Step 2: Confirm Camera List setting and click Next.

5 GTC IP 3.2.1 Uninstall		
Choose Components Choose which features of G	TC IP 3.2.1 you want to uninstall.	
Check the components you uninstall. Click Uninstall to si	want to uninstall and uncheck the cor tart the uninstallation.	nponents you don't want to
Select components to uninstall:	GTC IP Camera List settings Schedule recording settin Recorded files Snapshot files	Description Position your mouse over a component to see its description.
Space required: 0.0KB	4	
	< Back	Uninstall Cancel

Step 3: Confirm whether to keep or remove recording / snapshot folder.

Finish Window



Appendix II: Performance Information

1. Video Performance Information

The video quality is dependent on the video parameter settings and the network quality. If you want to have a better video quality, you will usually set higher resolution and higher frame rate. This is fine when you are viewing the video locally in the same network. But when you want to see the video remotely through the Internet, you need to know the Internet speed (bandwidth) connected to your home network. If the "Internet speed" setting of your camera is very large, but your real Internet speed (bandwidth) is relatively low, the video quality could be very bad. In some worst case, the video display could be disconnected. In order to have the best video quality, you better have broadband service from your ISP and set the "Internet speed" of the VS316m product a little lower than the real Internet speed provided by your ISP.

To notice that when multiple users are displaying the videos from the same camera at the same time, the video bandwidth times number of users will be needed for the Internet speed.

Appendix III: Frequent Ask Question

Q: The Cam status indicator shows green icon, but I cannot view the video or change the settings.

A: The green icon only denotes that the Cam is online and responding, not guarantees that the video session can be established one hundred percent. The reason is due to the firewall or the strict access rules of the router.

Q: The video quality is not that good when I view it remotely via the Internet.

A: The video quality is greatly affected by your Internet connection speed. Therefore, we recommend you to change the bandwidth settings of the Cam to a value which is smaller than the one that your ISP provides you.

Q: Can the password for playing video be null?

A: No. For security issue, we do not allow users to make their passwords empty for playing video.

Q: Can I change the settings of the Cam through GTC IP?

A: Yes, partially. You can change the resolution, frame rate, bandwidth, microphone, auto select, indoor/outdoor mode, light frequency, LED mode, sharpness, and brightness settings of the Cam through GTC IP. The rest of the settings can only be configured via the web page of the Cam.

Q. Sometimes I failed to connect to Cam after changing the settings of the IP Cam.

A: Cam needs some time, around 5 seconds, to re-initialize the system. Therefore, please wait 5 seconds and try to connect it again for playing the video or getting the settings. If the auto reconnection is enabled, then GTC IP will connect it for you in 5 seconds.

GTC IP Play User Manual

There are two ways to start GTC IP Play for playback the recorded files or view the snapshot files. One way is clicking the GTC IP Play button on the tool bar of GTC IP.



Another is double click on the GTC IP play shortcut on your Windows desktop.



GTC IP Play- Open Record

Open GTC IP Play and left click "Open Record".



1. Recorded video files

Show recorded files by date: yyyymmdd on the left column.

2. Current record folder

Show directory recorded folder, and click Browse to change directory folder.

3. Preview video

The small window on the right top will preview recorded video according to your choice on the recorded bar.

4. Name / ID of cameras

Here will show the ID of cameras which has recorded videos according to your choice on the recorded video files.

5. Video distribution figure

Here will show the recorded time within 24 hours, 12 hours, 6 hours, 1 hours, 15 minutes, and 1 minute.

6. Recorded video bar

Here will show how long Cameras recorded videos. According to three color, each color represents different recording types: blue-always recording, red-motion detection recording, green-schedule recording.



After selecting camera and duration of the recorded videos, click PLAY, and then video will be played back by GTC IP Play.

📀 Record Data		
Pecorded Files	Current Record Folder : D:\CamView及客製化_Recording Browse Date Time Period Start time : 2011/02/22 14:56:39 Stop time : 2011/02/22 15:08:54 I I Record Always I Record on Motion I Record on Event	Image: Contract of the sector of the sec
Cam Name 1. Se 001006074 001014182 001067138	elect camera	2. Select duration of recorded video
001225126 0 01 02 03 Scale	04 05 06 07 08 09 10 11 12 13 14 	Click "Play" 15 16 17 19 20 21 22 23 Play Cancel

Here is the picture which GTC IP Play is play back recorded video.



GTC IP Play- Open Nas

Open GTC IP Play and left click "Open NAS".





Step 1. Click browse and scan neighborhood.

 Microsoft Windows Networ MYGROUP MAS WORKGROUP 	k	
Com No altertard		

JULIA-PC	
😽 LINDA-PC	
MEILAN-CB3D8226	
- Carl SIBO-PC	
- 😹 SOPHIA-NB	
- 🥁 STARVEDI-678286	
😽 STARVEDIA PC	
	=
- 🦝 STORAGE-001e	
- 😽 SA-AICKA	
Citt Darandina	
Scan Neighborhood	OK Cancel

Step 2. Select the group your NAS located in.

Step 3. Select your NAS in the group and click OK.

Connecting to N	AS102			
Jser name :	1			
essent .				
		OK)[c	ancel
.ogin NAS				
ogin NAS	-PC			
ogin NAS	-PC K-PC FREV-NOTE			-
ogin NAS	-PC K-PC FREY-NOTE IA-PC			
ogin NAS	-PC K-PC FREY-NOTE IA-PC DA-PC UAN CE2DE222			
ogin NAS	-PC K-PC FREY-NOTE IA-PC DA-PC LLAN-CB3D8220 S102	į		*
ogin NAS	-PC K-PC FREV-NOTE IA-PC DA-PC ILAN-CB3D8220 S102 admin	i		•
ogin NAS	-PC K-PC FREV-NOTE IA-PC DA-PC ILAN-CB3D8220 S102 admin juliatest	1		
ogin NAS	-PC K-PC FREY-NOTE IA-PC DA-PC ILAN-CB3D8220 S102 admin juliatest ilCamRecor beckup) 1Files		
ogin NAS	-PC K-PC FREY-NOTE IA-PC DA-PC ILAN-CB3D822 sl02 admin juliatest iPCamRecor backup public) 1Files		
ogin NAS	-PC K-PC FREY-NOTE IA-PC DA-PC ILAN-CB3D8220 admin juliatest iPCamRecon backup public O-PC) 1Files		

Step 4. Type in user name and password of selected NAS.

Step 5.

Select "IPcamRecordFiles" and click OK, recorded videos will show up on the video distribution figure after scan bar.



Step 5.

Here will show the recorded videos in selected NAS.

Recorded File	Current Record Folder :	
	Date Time Period Start time : 2011/02/23 12:16:45 Stop time : 2011/02/23 13:50:31	
	Record Always	
	V Record on Motion	V Use original aspect ratio
Date: 2011/02/23		<u> </u>
Cam Name		
N@001014182		
N@001067138		
N@001113173		
N@001131116		
N@001131116 N@001132063		
N@001131116 N@001132063 N@001132075		
N@001131116 N@001132063 N@001132075 N@001204157		
N@001131116 N@001132063 N@001132075 N@001204157		

GTC IP Play- Open Snapshot

Open GTC IP Play and left click "Open Snapshot".





Step 1.

Select the snapshot files and the selected picture will preview on the right window.



Step 2.

After double left click the selected picture, it will be opened by GTC IP Play.

GTC IP Play Functions



1. Directory:

Click to get into the directory settins dialog for recording and snapshot. Click "Browse" to change the settings.

Note: To correctly find the video files and snapshots which were recorded and taken by GTC IP, we strongly suggest configuring the directories of the recorded files and snapshot files of GTC IP Play to what you have configured in GTC IP.

Recording My recording folder:	
C:\Users\StarVedia\AppData\Roaming\Can	aŭ Open Brows
Snapshot My snapshot folder:	
C:\Users\StarVedia\AppData\Roaming\Can	av Open Brows

2. Language: Click to select the language you preferred.





4. Convert to: ".AVI" : Transcoding to avi format is supported. When playing back recorded video, left click "Start time". Decide how long the recorded video you want to transcode, and left click "Stop time" and select "Convert". Wait for a while and the transcoded file will be saved in the same folder with the original file. Select "Open folder" to browse all the files recorded in the same day from the same camera.



Playback Function Bar

To playback the recorded file, you can either double click on it or drag it to the video window directly. To view the snapshot file, simply double click on it and the snapshot will be opened by the default viewer of your computer.





1. Snapshot

The snapshots you taken within GTC IP Play are saved in SNAPSHOT_DIRECTORY\GTC IP Play\date\.

2. Zoom in and zoom out

The maximum resolution you can zoom in to is 640x480 and the minimum resolution you can zoom out to is the original resolution of the video file. To zoom in, click . Click to zoom out. As mentioned earlier, snapshot is displayed by the default viewer of your computer. This gives you the ability to playback the recorded video file and view the snapshot at the same time.