



IP Series CAMERA USER MANUAL

FEI-360IP5 v4.1.1 User Manual

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Notes

- Before operating the camera, we strongly advise users to read this manual and keep it for later use.
- Please use the specified power supply to connect.
- Avoid incorrect operation, shock vibration, heavy pressing which can cause damage to the product.
- Do not use corrosive detergent to clean the body of the camera. If necessary, please use a soft dry cloth to wipe dirt; for hard contamination, use neutral detergent. Any cleanser for high-grade furniture is applicable.
- Avoid aiming the camera directly towards extremely bright objects, such as the sun, as this may damage the image sensor.
- Please follow the instructions to install the camera. Do not reverse the camera, or the reversing image will be received.
- Do not operate the camera in extreme temperatures or extreme humidity conditions.
- Use the power supply supplied authorized by a PROVISION-ISR technician.
- Keep away from heat sources such as radiators, heat registers, stove, etc.
- The instructions in this manual could be outdated; if you need any clarifications you can contact an authorized PROVISION-ISR technician. PROVISION-ISR reserves the right to add changes to this manual and publish it online on our website (www.provision-isr.com): there may be inconsistencies with the latest version. This applies to any and all software upgrades and product improvements, interpretation and modification added. These changes will be published in the latest version without prior notification.
- When this product is in use, the relevant contents of Microsoft, Apple and Google will be involved in. The pictures and screenshots in this manual are only used to explain the usage of our product. The ownership of trademarks, logos and other intellectual properties related to Microsoft, Apple and Google belong to the above-mentioned companies.
- All pictures and examples used in the manual are for reference only.

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Introduction

This IPC (short for IP Camera) is designed for high-performance CCTV solutions. It adopts the state of the art video processing chips and utilizes most advanced technologies, such as video encoding and decoding technology, complies with the TCP/IP protocol, SoC, etc to ensure that this system will be extremely stable and reliable. The IPC device should be used together with Provision-ISR's IP manager to enable the quick setting and full utilization of the camera.

Main Features

- ICR auto switch, true day/night
- H.265/H.264 Compression
- 3D DNR
- Digital WDR/BLC/HLC
- ROI coding
- Support CVBS output
- Support MIC in/out
- Built-in Microphone
- Support Alarm in/out
- Support RS485 Output
- PoE power supply
- 10m Radius IR LED
- Remote monitoring support (Via smartphone/CMS/IE)

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2 IE Remote Access

You may connect IPC via LAN or WAN. In this manual, we will use IE v11 for example. The details are as follows:

2.1 LAN

In LAN, there are two ways to access IPC:

- 1. Access through IP Manager Software.
- 2. Direct access through IE browser.

2.1.1 Access through IP-Manager

① Make sure the PC and IPC are connected to the LAN and that the IP-Manager is installed on the PC. You can install the IP manager form the disc provided with the camera or download it by clicking <u>here</u>.

(2) Double-click the IP-Manager icon on the desktop to run this software as shown below:

Re	fresh 👻						0		001104
	Device Nam	Device Type	IP Address	Software Version	Status	Status D	escrip		0
		ONVIF	192.168.2.154						
Ш		ONVIF	192.168.2.153						
	13-340IP	IPC	192.168.2.129	4.1.3.0(11838)					
	18-3401P	IPC	192.168.2.123	4.2.0.0(12870)	0	Succ	essful	See a second	
23	dh	IPC	192.168.2.121	4.1.3.0(13035)				Mac addr 00 :18 :AE :33 :33 :	-
13		ONVIF	192.168.2.116					Mac addr 100 - 16 - AE - 55 - 55	<u></u>
		ONVIF	192.168.2.110					E E E E Resto	10
13	IPCamera	IPC	192.168.2.106	4.1.3.0(12792)					16
	All Cle	ar Check Sa	те Туре			Chosen:	0/9	Incenter the device mac add, and then reboot the device to restore th default configuration in 30 seconds	
Bat	h Update	Batch Set NET	Batch Set Stream	Batch Modify PWD	Batch S	et Picture			
	Software 🗸	dmin	PWD:	Browse					

(3) Modify the IP address. The default IP address of this camera is 192.168.226.201. Tick all the cameras you wish to set and then click on the "Batch Set NET" tab.

C Automatically gets IP add	
C Uses the following IP add	
IP addr range: Start	Subnet Mask 🕢 .
End	Getway
USER: admin PWD:	Batch Set

If you wish to use DHCP (IP Address automatic assignment), choose "Automatically gets IP address", set the password and click on "Batch set". Wait for a few moments until the IP manager will configure the cameras. After configuration, the IP addresses of the cameras will refresh automatically.

Please note:

- 1) In order for the DHCP mode to work, you must have a DHCP server on the LAN.
- 2) Using DHCP for permanent installations is not advisable as the IP Address might change after a while and cause the camera to be unreachable.

If you wish to set static IP addresses, choose "Uses the following IP Addresses", set the range of IP addresses you wish to assign (First and last address), set the gateway and subnet mask and click on batch set. Wait for a few moments until the IP manager will configure the cameras. After configuration, the IP addresses of the cameras will refresh automatically.

Please note:

- 1) The IP range must fit the number of chosen cameras.
- 2) The selected IP addresses in the specified range must be available.

For example, if the IP address of your computer is 192.168.1.4, then the IP address of the cameras should be changed to 192.168.1.x. (x stands for any number between 1 and 255).

The default password of the administrator is "*123456*".

(4) Double click on the IP address of the system will pop up IE browser and connect to the IPC. IE browser will auto download the Active X control. You must install it in order for the camera to work. After successful installation, a login window will appear as shown below.

			_
	Name: Password:	admin Password	
	Stream Type: Language:	2560x1440 25fps English	~
IPC		Remember me	

Input the username and password to log in.

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The default username is "admin"; the default password is "123456".

2.1.2 Direct Access through IE

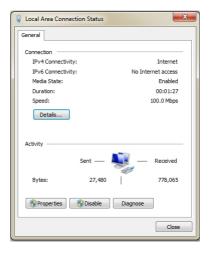
The default network settings are as shown below:

IP address: **192.168.226.201** Subnet Mask: **255.255.255.0** Gateway: **192.168.226.1** HTTP: **80** Data port: **9008** You may use the above default settings when you log in the camera for the first time.

① You can use the IP manager to access the camera even if the camera is still using the default IP address. Double click on the IP address within the IP manager for the system to pop up IE browser and connect to the IPC. IE browser will auto download the Active X control. You must install it in order for the camera to work. After successful installation, a login window will appear.

You can then set the IP address from the camera configuration menu.

(2) If you wish to access the camera using its default IP address you will have to manually set the IP address of the PC to be in the same IP segment as the default settings of the IP camera. Open the network and sharing center. Click "Local Area Connection" to pop up the following window.



Select "Properties" and then select internet protocol according to the actual situation (most probably you are using IPv4). Next, click "Properties" button and set the network of the PC as shown below.

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Internet Protocol Version 4 (TCP/IP	V4) Properties							
General								
You can get IP settings assigned automatically if your network supports this capability. Otherwise, you need to ask your network administrator for the appropriate IP settings.								
Obtain an IP address automa	itically							
Ouse the following IP address:								
IP address:	192 . 168 . 226 . 4							
Subnet mask:	255.255.255.0							
Default gateway:	192 . 168 . 226 . 1							
Obtain DNS server address a	utomatically							
Ouse the following DNS server	addresses:							
Preferred DNS server:	192 . 168 . 226 . 1							
Alternate DNS server:								
Validate settings upon exit	Advanced							
	OK Cancel							

(2) Open the IE browser and input the default address of IPC and confirm. The IE browser will download Active X control automatically.

(3) After downloading and installing the Active X control, the login dialog box will appear.

④ Input the default username and password and click "Login".

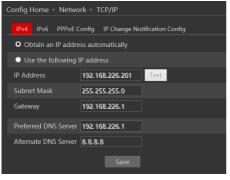
2.2 WAN

Allows you to access the camera using a router or virtual server.

(1) Make sure the camera is well connected and configured via LAN. Log in the camera via LAN and go to the Config \rightarrow Network Config \rightarrow Port menu to set up the port number.

(2) Go to Config \rightarrow Network Config \rightarrow TCP/IP menu to modify the IP address.

③ After modifying the IP Address, click on "Port" and modify the port according to your needs.



Port Server	DDNS	SNMP	802.1X	RTSP	UPnP
HTTP Port		30			
Data Port	9	8008			
RTSP Port		554			

Port Setup



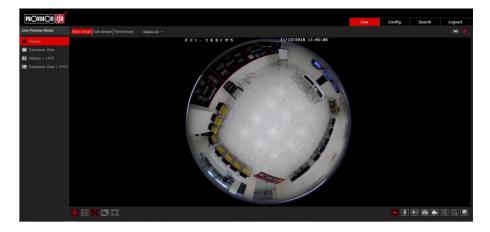
(4) Go to the router's management interface through IE browser to forward the IP address and port of the camera to the "Virtual Server". In the picture example below you will see an example of the setting as if the IPC IP address is "192.168.6.6" and the ports are default (9008 & 80)

			Port	Range		
Application	Start		End	Protocol	IP Address	Enabl
1	9008	to	9008	Both 💌	192.168.6. 6	
2	80	to	81	Both 💌	192.168.6.6	1
3	10000	to	10001	Both 💌	192.168.6. 166	
4	21000	to	21001	Both 💌	192.168.6. 156	
5	7777	to	7778	Both 💌	192.168.6. 206	
6	1029	to	1030	Both 💌	192.168.6. 207	

④ Open the IE browser and input your WAN IP and HTTP port to access the camera.

3 Live Preview

3.1 The Live Preview Interface



Icons and operation buttons:

Icon	Description	Icon	Description
S Fisheye	Fish-Eye View	Ĩ	Enable/Disable Local Recording
Panoramic View	Panoramic View		Digital Zoom-in
Fisheye + 3 PTZ	Fish-Eye Sphere + 3 Digital PTZ view	\bigcirc	Digital Zoom-Out
Panoramic View + 3 PTZ	Panoramic display + 3 Digital PTZ view		PTZ Controls (Through RS-485 output)
	Actual Size	* , *	Motion Detection indicator
	Fit to screen – True Proportions	Ą	SD Card recording indicator
٦	Fit to screen - Stretch	((m)) ((m))	Alarm In Indicator
	Full screen	Main stream	Use mainstream for live-view
/ 🐱	Enable/Disable live view	Sub stream	Use sub-stream for live-view
U	Talk	Third stream	Use third stream for live-view
	Listen	Balanced 🝷	Choose the buffering plan
Ō	Take Snapshot		

4 IPC Configuration

In this chapter, we will go through all the possible configurations of the IPC.

4.1 System Configuration

The "System Configuration" includes four submenus: Basic Information, Date & Time, Local Config and Storage.

4.1.1 Basic Information

In the "Basic Information" interface, you can view all the necessary information related to the IPC, as seen below:

Device Name	FEI-360IP5
Device Type	FEI-360IP5
Brand	Provision ISR
Software Version	4.1.1.0(16447)
Software Build Date	2018-04-19
Kernel Version	20170828
Hardware Version	1.3
Onvif Version	2.3
OCX Version	2.0.3.7
MAC	00:18:ae:00:29:8d

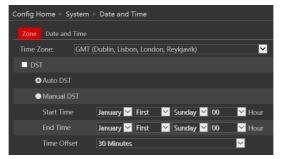
The following table will explain the available detail field.

Parameter	Meaning		
Device name	Name of the device – can be modified from		
	the OSD settings		
Product Model	The model of the device		
Brand	The brand of the camera		
Software version	The current software version		
Software build date	The software build-date		
Kernel version	The kernel version of the device		
Hardware version	The hardware version of the device		
ONVIF Version	The current ONVIF version		
OCX Version	The current OCX version		
Mac Address	The MAC address of device		

4.1.2 Date & Time Configuration

Setting steps:

1. Go to Config \rightarrow Date & Time menu as shown below.



2. Set the time zone.

3. Enable DST mode if required. DST settings are already configured according to your time zone. If you wish to set the DST manually, switch to "Manual DST" and set it accordingly.

4. To set the date and time, click on the "Date and Time" tab. You may synchronize the camera time with an NTP server (Internet connection required), synchronize the camera time with the time of the computer you are using or set the time manually.

Zone Date and Time
Time Mode:
• Synchronize with NTP server
NTP server: time.windows.com
 Synchronize with computer time
Date 2017-10-23 Time 11:12:31
 Set manually
Date 2017-10-23 🔳 Time 08:12:29

4.1.3 Local Config

1. Got to "System Configuration" \rightarrow "Local config" as shown below:

Config Home ▹ System ▶ Local Config							
Picture Path	C:\Users\Tal Ha	anoch\Favorites	Browse				
Record Path	C:\Users\Tal Ha	anoch\Favorites	Browse				
Video Audio Settings	Open	• Close					
Show Bitrate	Open	• Close					

From here you can set the path on your computer where local snapshots and videos will be saved.

You can also choose if the camera will show the current bit-rate on the live-view image (Local interface only).

4.1.4 Storage

The SD card feature allows you to insert an SD card into the camera and enable the camera to operate with a local storage. The SD card will be used for both snapshot and video files. You can allocate a certain percentage for each from the settings menu.

1. Go to "System Configuration" \rightarrow "Storage" as shown below:

Config Home 🕨 Syste	em ▶ Storage
Management Reco	ord Snapshot
Capacity	7541 MB
Used Capacity	7237 MB
Remaining Capacity	304 MB
State	Normal
Snapshot Quota	10 %
Video Quota	90 %
	Eject Format

If it is the first time you are using the SD card with the camera or if the state is showing any value different than "Normal", you should click on "Format" before the SD card will be available for recording.

Click "Eject card" to stop writing data to SD card and allow you to remove it safely. Inserting an SD card to the camera must be done while the camera is powered off.

Ē

Note: Using of SD card function should be coordinated with motion or sensor alarms.

The following table will explain the available detail field.

Parameter	Meaning
Capacity	The total capacity of the SD card
Used capacity	The capacity currently being used
Remaining Capacity	The available capacity
State	The state of the SD card.
Snapshot Quota	The percentage of the SD card dedicated for Snapshots
Video Quota	The percentage of the SD card dedicated to Videos

The next tab is "Record". Click on it to set the video recording parameters and schedule.

Config Ho	ome⊩ S	yste	m⊧	Ste	ora	ge																
Manage		Reco		Sna																		
ivianage		veco		5118	psn																	
Record	Paramet	ers																				
Record	Stream		Mai					~														
Pre Rec	ord Time		No I	Pre	Ala	rm R	Reco	n 💙														
Recycle	Recordin		Yes					~														
Schedu	le																					
Enat	ole Sched	ule I	Reco	rdir	ıg														Era	se (Ac	ld_
	Schedule										 					 						
Sun.				4																		
	00:00-24		3 .	4		6		8	9	10	12	13	14	15	16	18	19	20	Mar 21	nual 22	Input 23	24
Mon.																						
	00:00-24		3 -	4		6		8	9	10	12	13	14	15	16	18	19	20	Mar 21	nual 22	Input 23	24
Tue.	00:00-24																				Input	
			3 -	4				8	9	10			14		16	18	19	20	21	22	23	
Wed.	00:00-24	1																	Mar	nual	Input	
				4									14			18			21	22	23	
Thu.	00:00-24	l:00																	Mar	nual	Input	
				4												18						
Fri.	00:00-24	l:00																	Mar	nual	Input	
				4				8					. 14			18		20			23	
Sat.	00:00-24	:00																	Mar	nual	Input	
Holiday Schedule																						
Holida		_													_							
	Date	10-2						Add Delet														
							7	8	9													
	00:00-24	:00																	Mai	nual	Inpu	t
					_																	

The video parameters are as follows:

Parameter	Meaning
Record stream	Which video stream will be used for record
Pre-recording time	The duration of video prior to the recording trigger
Cycle recording	Weather to recycle record or stop when the SD card is
	full

Below are the schedule settings. Enable the schedule if required and set the recording time for each of the weekdays. You can also set a holiday schedule and add required dates to it.

The next tab is "Snapshot" Click on it to set the snapshot parameters and schedule.

Config Home ► Syste	Config Home 🕨 System 🕨 Storage						
Management Record Snapshot							
Snapshot Paramete	ers						
Image Format	JPEG 🛩						
Resolution	704x576 🗹						
Image Quality	Low						
Event Trigger							
Snapshot Interval	1	Second					
Snapshot Quantity	5]					
Schedule							
Enable scheduled Snapshot							
Snapshot Interval	5	Second					

The snapshot parameters are as follows:

Parameter	Meaning
Image Format	The image format is JPEG
Resolution	Set the snapshot resolution
Image quality	The quality of the image reflects on its size.
Snapshot Interval	The duration between two snapshots
Snapshot Quantity	The total number of snapshots to be taken after a trigger
Scheduled snapshots	Taking a snapshot according to a specified schedule

Below are the schedule settings. Enable the schedule if required and set the recording time for each of the weekdays. You can also set a holiday schedule and add required dates to it.

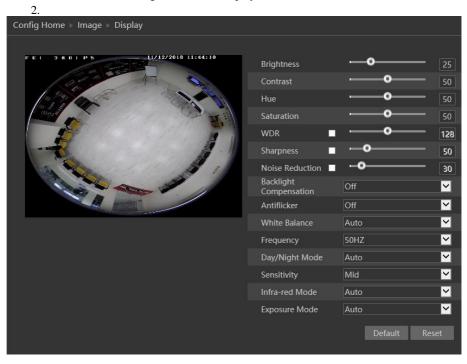
4.2 Video Configuration

Camera Configuration includes five submenus: Display Configuration, Video Stream, OSD Config, Video Mask and ROI Config.

4.2.1 Camera Configuration

Setting steps:

1. Go to "Video Configuration" \rightarrow "Display" interface as shown below.



The display parameters are as follows:

Parameter	Meaning
Brightness	Set the image brightness
Contrast	Set the image contrast
Hue	Set the image hue
Saturation	Set the image saturation
WDR	D-WDR configuration
Sharpness	Enable/Disable the sharpness and set its level
Noise reduction	Enable/Disable the 3D-DNR and set its level
Backlight	Set HLC/BLC to deal with advanced light conditions.
Anti-Flickering	Manually set the shutter to synchronize with 50/60Hz environments.
White Balance	Set the white balance of the camera
Frequency	Set the frequency to 50/60Hz

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Day/Night Mode*	Set the day/night mode (Auto/Day/Night/Schedule)
- Sensitivity	The light sensor sensitivity
- Delay Time	The delay time before switching day/night modes
Infra-Red Mode	Set the IR status
Exposure Mode	Set the exposure to auto or set it manually

*If you set the day/night mode to schedule or you wish to differentiate between the daytime and night-time image settings, you will need to set the schedule accordingly.

Click on the "Schedule" tab and set the schedule as you wish.

Camera Paramete	rs Schedule						
Schedule	Schedule						
Time Range	0:00	4:00	8:00	12:00	16:00	20:00	24:00
	🗖 Day 📕	Night				9	Save

4.2.2 Video/Audio

Go to "Video configuration" \rightarrow "Video/Audio" to see an interface as shown below.

Config He	ome ⊨ Image ⊢ Vic	deo/Audio								
Video										
Channel		\checkmark								
Index	Stream Name	Resolution	Frame Rate	Bitrate Type	Bitrate(Kbps)	Video Quality	I Frame Interval	Video Compression	Profile	
1			25	VBR 🔽	2048 -	Higher 🔽		H265 🔽	High Profile	~
2			∨ 6	CBR	256 -	Higher 🔽		H265 🔽	High Profile	~
3		480x480	25	CBR 🔽	512 ~	Higher 🗹		H265 🔽	High Profile	~
	apshot 2	Size: (960x960)								
Vide	o encode slice split	ark content:								
- (140	ennank, wavenna									
									Save	

Three video streams are available. You can set each one of them differently with the limitations of the camera's capabilities.

Resolution: The higher the resolution is, the bigger the image is.

Frame rate: The higher the frame rate is, the more fluent the video is. However, more storage room will be taken up.

Bitrate type: CBR and VBR are available. CBR (Constant Bit-Rate) means that no matter how what the video resources are, the compression bitrate will be constant as configured. This will not only facilitate the image quality better in a constant bitrate but also help to calculate the capacity of the recording. VBR (Variable Bit-Rate) means that the compression bitrate can be automatically adjusted according to the change of the video resources with the configured bit-rate as the maximum value. This will help to optimize the storage network bandwidth.

Video Quality: When VBR is selected, you need to choose image quality. The higher the

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image quality you choose, the more bitrate will be required.

Bitrate: Please set it according to your needs while taking in consideration the bandwidth and storage limits.

I Frame interval: It is recommended to use the default value. If the value is too high, the read speed picture group will be slow resulting in video quality loss.

Video Compression: Choose between H.265 and H.264. The IPC also support MJPEG on sub-stream resolution but you need to make sure that the application connected to the camera also supports it.

Profile: Baseline, main profile and high profile are optional. Baseline profile is mainly used in interactive applications with low complexity and delay. The main or high profile is mainly used for higher coding requirements.

Send Snapshot: Please select it according to the actual situation.

Video encode slice split: If enabled, you may get a more fluent image even when using a low-performance PC.

Watermark: You can set a watermark that will appear on the image.

In the next tab we have "Audio" settings as shown below:

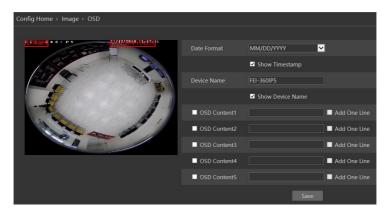


Set the encoding profile as desired and the type of audio input. If LIN (Line) is selected, it means that the audio input is already amplified and the input volume will be set to "low". If MIC (Microphone) will be selected, it means that the audio signal is not amplified and the input volume will be set to "high".

4.2.3 OSD Configuration

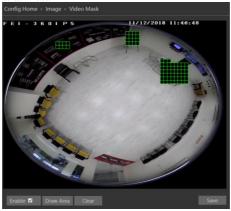
Go to "Video Config" \rightarrow "OSD" menu to display the interface as shown below.

You may set the device name, time stamp and custom OSDs here. Drag the time stamp and custom OSD over the image on the left side to set their position. Then press the "Save" button to save the settings.



4.2.4 Video Mask

You can set 4 mask areas at most.



To set up video mask

- 1. Enable video mask.
- 2. Click "Draw" button and then drag the mouse to draw the video mask area.
- 3. Click "Save" button to save the settings.
- 4. Return to the live to see the following picture.

To clear the video mask:

Go to video mask menu and then click "Clear" button to delete the current video mask area.

4.2.5 ROI Configuration

ROI is used to allocate higher bit-rate on a certain area of the image than other areas To set up ROI

1. Go to Config \rightarrow ROI menu.



- 2. Check "Enable" and then click "Draw" button.
- 3. Drag the mouse to set the ROI area.
- 4. Set the level.
- 5. Click "Save" button to save the settings.

Now, you will see that the selected ROI area is clearer than other areas, especially in low bit-rate settings.

4.3 PTZ Configuration

PTZ Configuration relates to the RS-485 output of the camera and includes three settings: Protocol, address, and baud-rate.

4.3.1 Protocol

1. Go to "PTZ Configuration" \rightarrow "Protocol" interface as shown below:

Config Home ► PTZ ►	Protocol
Protocol	PELCOD
Address	1
Baud-Rate	2400

2. Input the protocol, address and baud rate according to the speed dome.

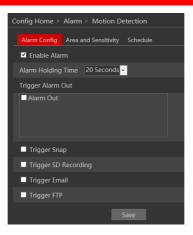
4.4 Alarm Configuration

Alarm configuration includes four submenus: Motion Detection, General Fault, Alarm in and Alarm Out.

4.4.1 Motion Detection

Go to "Alarm configuration" \rightarrow "Motion Detection" to see an interface as below.

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The first tab is the "Alarm Config". Enable or disable the alarm and set the alarm holding time. The holding time means that the alarm signal will stay active and no additional alarms will be generated during that time.

Choose the camera's response to the alarm:

	Alarm Triggers:
Alarm Out	triggers the alarm out relay
Trigger Snap	takes a snapshot (SD card must be available)
Trigger SD Recording	Initiates video recording over the SD card (SD card must be available)
Trigger Email	sends an email as configured in the Email section.
Trigger FTP	send a snapshot as configured in the FTP section

Next is the "Area and Sensitivity" Tab. Move the "Sensitivity" scroll bar to set up the motion sensitivity and click on "draw" to enable the marking on the image. Once finished, click on "Stop Draw".

Alarm Config Area and Sensitivity Schedule		
F & 1 = p & o p 3	Constituity Low-Ulab	
	Sensitivity Low High	
	Draw • Add • Erase	
	Select All Clear All Invert	
	Court	
	Save	

4. Click "Save" to save the settings.

Last is the "Schedule" tab:

Alarn	n Config	A	.rea a	and S	Sensi	tivity		Sched	ule									
) Era	ise (D Ad	dd_
Sun.																		
	00:00-																Inpu	t
Mon.	00:00-	24:00													Mai	nual	Inpu	t
	00:00-	24:00													Mai	nual	Inpu	t
Wed.	00:00-	24:00													Mai	nual	Inpu	t
Thu.	00:00-	24:00													Mai	nual	Inpu	t
	00:00-	24-00													Mai	nual	Inpu	+
	00:00-	24-00													Ma		Inpu	
	00.00-	24.00													Ivia	luai	mpu	
Holida	ay Schei	dule																
	Date							Add										
							7	Delet 8	e 9									
	00:00-	24:00													Ma	nual	Inpu	t
																S	ave	

Set the active alarm time for each of the weekdays. You can also set a holiday schedule and add required dates to it.

4.4.2 Alarm In

Enter "Alarm" \rightarrow "Alarm In" to see a screen as shown below:

Config Home ▹ Alarm ▶	Alarm In
Alarm Config Schedule	e
Z Enable Alarm	
Alarm Type	NO
Alarm Holding Time	20 Seconds 🗸
Sensor Name	Test ×
Trigger Alarm Out	
Alarm Out	
Trigger Snap	
Trigger SD Recording	
Trigger Email	
Trigger FTP	
	Save

2. Enable the alarm to activate it and see the configuration parameters:

Parameter	Meaning
Alarm Type	You can set it to "NO" (Normally open) which means
	that the once the line is closed the alarm will be active,
	or "NC" (Normally Closed") which means that once
	the line is open the alarm will be active.
Alarm Holding Time	The holding time means that the alarm signal will stay
	active and no additional alarms will be generated
	during that time.
Sensor Name	You can set a unique name for easy identification.
	Alarm Triggers:
Alarm Out	triggers the alarm out relay
Trigger Snap	takes a snapshot (SD card must be available)
Trigger Email	sends an email as configured in the Email section.
Trigger FTP	send a snapshot as configured in the FTP section

3. After the setting is complete, click "Save".

4. Next, you will need to set the alarm schedule. Click on the "Schedule" tab to get the following interface:

Config	Home	⊳ Al	arm	. ► J	Alan	m In	1																	
Alarr	n Config		ched																					
) Era	se 🕻	A	d
Week	Schedu	le																						
-	0 1	2	3	4	5	6		8	9	10	11	12	13	. 14	15	16	17	18	19	20	21	22	23	24
Sun.	00:00-	24:00																			Mar	nual	Inpu	t
	0 1		3	4	5	6	7	. 8	9	10	. 11	12	13	. 14	15	16	17	18	19	20	21	22	23	24
Mon.	00:00-	24:00																			Mar	nual	Inpu	t
-		2	3	4	5	. 6	7	8	9	10	. 11	12	13	. 14	15	16	17	18	19	20	21	22	23	24
Tue.	00:00-	24:00																			Mar	nual	Inpu	t
		2	3	4	5	6		8	9	10		12	13		15	16	17	18	19	20	21	22	23	24
Wed.	-00:00	24:00																			Mar	nual	Inpu	t
_				4		6		8	9	10		12		. 14	15	16		18	19	20	21	22	23	24
Thu.	-00:00	24:00																			Mar	nual	Inpu	t
				4		. 6		8		10		12		. 14	15	16		18	19	20	21	22	23	24
Fri.	00:00-	24:00																			Mar	nual	Inpu	t
																								24
Sat.	00:00-	24:00																			Mar	nual	Inpu	t
																								_
Holida	ay Schee	dule																						
	Date							Ad	d															
								Dele	ete															
							7	8	9	10														24
	00:00-	24:00																			Mai	nual	Inpu	t

5. Set the active alarm time for each of the weekdays. You can also set a holiday schedule and add required dates to it. The holiday schedule overtakes the normal schedule.

4.4.3 Alarm Out

The Alarm output is actually a relay that can operate many types of devices such as gates, doors, strobe light, and sirens. The alarm out always works in a "NO" mode (Normally open) which means that the relay is open in a normal state and closed in an armed state.

1. Go to "Alarm" \rightarrow "Alarm Out" to get to the interface as shown below:

Config Home ► Alarm ►	Alarm Out	
Alarm Out Mode	Alarm Linkage	~
Alarm Out Name	alarmOut1	
Alarm Holding Time	20 Seconds	~
		Save

- 2. Alarm out has 4 modes as described below:
 - A. Alarm Linkage (Shown Above): This mode will set the alarm out to be triggered as a response to any of the available alarms (Motion, Alarm in, Analytics). If this mode is chosen you will need to set it properly.

Parameter	Meaning
Alarm Out Name	You can set a unique name for easy identification.
Alarm Holding Time	The holding time means that the alarm signal will stay
	active and no additional alarms will be generated
	during that time.

B. Manual Mode: This mode will enable you to manually operate the relay.

Config Home 🕨 Alarm 🕨	Alarm Out		
Alarm Out Mode	Manual Ope	eration	~
Manual Operation	Open	Close	
		Sa	ve

C. Day/night switch linkage: This mode allows you to set the relay condition according to the day/night mode of the camera.

Config Home ⊩ Alarm ⊧	Alarm Out	
Alarm Out Mode	Day/night switch	linkage 🗙
Alaini Out Mode		
Day	Close	<u>~</u>
Night	Close	~

D. Schedule mode: This mode allows you to set the relay condition according to a

pre-defined schedule.

Once chosen you will have to set the schedule. The set schedule will be relevant for all weekdays and cannot be set for each day independently.

Config Home 🕨 Alarm	⊳ A	larn	1 OL	Jt																					
Alarm Out Mode	So	ched	ule					~																	
																					•) Era	se O	Ad	
T	0	1		3		5		7					12							19		21		23	
Time Range	18	:30-1	9:15		_	_	_	_	_	_	_	_	_	_	_	_	_	_	_		_	Mar	ual li	nput	
																							Sa		
																							-54	<i></i>	1

3. Press the "Save" button to save the settings.

4.5 Network Configuration

Network configuration includes eight submenus: Port, IP Address, Server Configuration, IP Notify, DDNS Config, RTSP, UPnP, Mail Setting, and FTP.

4.5.1 TCP/IP

Go to "Network" \rightarrow "TCP IP" tab to see the interface shown below. The first and default tab is IPv4 Protocol. There are two options for IP setup: obtain an IP address automatically by DHCP or a defined IP address. You may choose one of the options as required.

Config Home ► Netwo	ork ► TCP/IP	
IPv4 IPv6 PPPoE C	Config IP Change Not	ification Config
• Obtain an IP addre	ess automatically	
Use the following I	IP address	
IP Address	192.168.226.201	Test
Subnet Mask	255.255.255.0	
Gateway	192.168.226.1	
Preferred DNS Server	192.168.226.1	
Alternate DNS Server	8.8.8.8	
	Save	

<u>Automatic IP Assignment:</u> Use "Obtain an IP address automatically" for the camera to communicate with an available DHCP server that will assign the camera with an IP address automatically.

Please note:

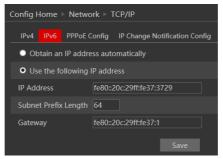
- 1) In order for the DHCP mode to work, you must have a DHCP server on the LAN.
- 2) Using DHCP for permanent installations is not advisable as the IP Address might change after a while and cause the camera to be unreachable.

Manual IP Assignment: If you wish to set static IP addresses, choose "Use the following IP Address", set the range of IP addresses you wish to assign (First and last address), set the gateway and subnet mask and click on batch set. Wait for a few moments until the IP manager will configure the cameras. After configuration, the IP addresses of the cameras will refresh automatically.

Please note:

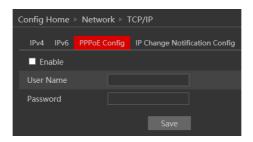
1) The selected IP address must be available.

The next tab is IPv6:



If you need to use IPv6, configure it in the same method as described for IPv4.

The next tab is PPPoE:



For PPPoE, the user is required to manually input the username and password for dial-up internet. After saving the username/password information set up IP address change notification. Last, connect with Modem and the device will dial-up internet automatically.

Press the "Save" button to save the settings.

```
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```

The next tab is "IP Change Notification Config": If you have used DHCP and you need to be notified that the IP Address assigned to the camera was changed, enable it and set Email or FTP for the notification process.

4.5.2 Port

1. Go to "Network" \rightarrow "Port" to see the interface as shown below.



- 2. Input port number for IE access in the "HTTP Port" textbox.
- 3. Input the port number for audio & video transmission in the "Data Port" textbox.
- 4. Set the RTSP port for video/audio transmission over RTSP

4.5.3 Server Configuration

```
Go to "Network" \rightarrow "Server".
```

 	-							
Port	Server	DDN		SNMP	RTSP	UPnP	Email	FTP
🗖 En	able							
Server	Port		20	09				
Server	Address							
Device	e ID		1					
						Save		

This section refers to "Auto Report Server". Enable it if required.

Auto report server will make the camera to report back to the defined server using the port 2009.

Set the port (default port is 2009. It is advisable not to change it.) Set the server address (usually it is the CMS address which needs to be a static address). Set a unique device ID. Each of the devices using auto server report should have its own ID.

The Camera will report back to the defined server its current IP using port 2009.

4.5.4 DDNS Configuration

1. Enter into "Network" \rightarrow "DDNS" tab as below:



The default choice is Mint-Server which is Provision-ISR's free Domain name Registration (http://www.provision-isr-dns.com)

Note: DDNS is used to register for a hostname with DDNS username and password.

Provision ISR now allows you to use our mint DDNS server in order to create a virtual address for your security device on the internet. Each account is limited to 35 different addresses using your preferred domain name address instead of using IP addresses. Follow the steps below to register your device's name and to configure your DVR to use Provision ISR's Mint DDNS server.

(a) <u>To register a domain with Provision-ISR DDNS server follow these steps:</u>

 Visit our website: <u>http://provision-isr-dns.com</u> and register for a domain name by clicking "Registration"



2) Fill in the registration form, then click "Submit"

EMAIL ADDRESS	
PASSWORD	0
PASSWORD CONFIRM	
FIRST NAME	
LAST NAME	
SECURITY QUESTION.	My first phone number.
ANSWER	
CONFIRM YOU'RE	3+9= Yew Captone
	Solve the problem above.

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 Fill in the hostname you want to apply for and press "Request Domain" (for example "home")



4) If there is no problem with the domain registration you will see the following message: "Your domain was successfully created."

If you do not see this message, the domain name you requested is already in use and you will be requested to provide an alternate domain name (please note: the *domain name* is sometimes called *hostname*).

PROVISION	IŚR
Now you can seel	
User Settings Domains	Your domain names are listed below. Choose create new domain to add additional d
Logout	Your domain was successfully created.

You can create up to 35 domain records under a single account

5) The domain name is added at the beginning of your DVR's address, for example, the domain "*home*" will appear at **home.provision-isr-dns.com**.

Press the "Save" button to save the settings.

4.5.5 RTSP

RTSP is used to stream video/audio using the shared protocol. v4.2 is also supporting RTSP using Multicast protocol.

Go to "Network" \rightarrow "RTSP" interface as shown below.

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Port	Server	DDNS	SNMP	RTSP	UPnP	Email	FTP
🗹 Ena	able						
Port		888					
RTSP #	ddress	rtsp://IP	or doma	in name	:port/pr	ofile1	
		rtsp://IP	or doma	in name	:port/pr	ofile2	
		rtsp://IP	or doma	in name	:port/pr	ofile3	
		rtsp://IP	or doma	in name	:port/pi	ofile4	
		rtsp://IP	or doma	in name	:port/pr	ofile5	
		rtsp://IP	or doma	in name	:port/pi	ofile6	
		rtsp://IP	or doma	in name	:port/pr	ofile7	
		rtsp://IP	or doma	iin name	:port/pr	ofile8	
		rtsp://IP	or doma	in name	:port/pr	ofile9	
		rtsp://IP	or doma	in name	:port/pr	ofile10	
		rtsp://IP	or doma	iin name	:port/pi	ofile11	
	ow anon	ymous lo	gin (No	usernam	e or pa	ssword r	equired)
					Sa	ive	

1. Enable the RTSP if required.

2. RTSP Port: Access Port of the streaming media. The default port is 554.

3. RTSP Address: each of the streams have a unique RTSP address. Input the desired address into your RTSP player.

Notice that the camera also support multicast addresses that can be used as well for supporting players.

4. Enabling "Allow anonymous login" will authorize RTSP connection without the need for username/password.

5. Click "Save" to confirm and save settings.

4.5.6 UPnP

Go to "Network" \rightarrow "UPnP" interface as shown below. Select "Enable UPnP" and then input friendly name.



Then double-click "Network" icon on the desktop of the PC to see an icon with the name and IP address of the camera. You may quickly access the device by double-clicking this icon.

4.5.7 Email Setting

Go to "Network" \rightarrow "Email" interface.

Config Home ▶ Network ▶ Advanced					
Port Server DDNS	SNMP	RTSP UPnP	Email	FTP	
Sender					
Sender Address					
User Name					
Password					
Server Address					
Secure Connection			~		
SMTP Port					
Send Interval(S)			(ur	ndefined-undefi	ned)
	Clear	Test			
Recipient					
Recipient Address					
	Add	Delete			
		Sa	ve		

The input fields are as follows:

Field	Meaning
Sender Address	Sender's e-mail address
User Name	The username of the Email account
Password	The password for the Email account
Server Address	The SMTP/Outgoing Email server address
Secure Connection	Choose between Unnecessary/SSL/TLS
SMTP Port	The SMTP port. The default port will be used according to the secure connection choice but can be edited manually if required.
Send Intervals	The minimum time duration between 2 Email that will be sent by the system,
Recipient Address	The email addresses that Emails generated by the system will be sent to.

After all parameters are properly set up, you can click "Test" to confirm that the system can connect to the email server with the provided details. If an email sent successful, a "Test Successful" window will pop up, if not, you should try other email addresses or check and correct the settings.

In order to input new mail recipient, input the recipient address and click on "Add". The new address will be added to the recipient list box.

Notice: If you change the static IP into PPPoE and select mailbox, there will be an e-mail sent to your mailbox for notifying a new IP address.

4.5.8 FTP

Go to "Network" \rightarrow "FTP" interface as shown below.

Port	Server D	DNS SNI	MP RTSP	UPnP	Email FTP				
Ser	ver Name		Server Add	dress	Port	User	Name	Upload F	ath
					Add	Modify	Delete	Test	
									Save

To add a new FTP server click on "Add" and input the FTP server's server name, address, port number, username, password, and upload path, click OK to confirm the setting.

Add FTP		×
Server Name Server Address Upload Path Port User Name Password	Example:/Dir/folder 21	Anonymous
	OK Cancel	

Click on "Modify" to edit the information of the FTP server Click on "Delete" to delete the FTP server Click on "Test" to confirm the setting and availability of the FTP server.

4.6 Security

Security configuration includes three submenus: User Settings, Online Users, and Block & Allow lists.

4.6.1 User

Go to "Network" \rightarrow "User" to access the following interface.

Config Ho	ome > Security > User		
	Modify Delete		
Index	User Name	User Type	Bind MAC

Adding a user:

Click on the "Add" button to pop up the "Add user" dialog box.

Input the username, password and confirm the password.

Set the user type. 3 user types are available:

- A. Administrator Can perform all action and settings on the camera.
- B. Advanced user Can view and configure the camera excluding the "User Access" section.
- C. Normal User Can only view the live image and cannot configure.

At this stage, you can also bind a MAC address for the user. This means that this user will only be able to connect from a single pre-defined device and his access will be denied if he will try to connect from any other device.

Add User		×
User Name Password Confirm Password User Type	[Administrator	
Bind MAC	00:00:00:00:00:00	
	ОК	Cancel

Click on "OK" and "Save"

Modify user:

Select the user you wish to modify and click on the "Modify" button. A modification window will pop up as shown below.

E	dit User	×
	 Modify Password User Name Old Password New Password Confirm Password 	edmin
	Bind MAC	00:00:00:00:00:00

You can change the username if required. If you wish to edit the password of the user, tick "modify password" and input the old password, new password, and confirmation of the new password.

You can also bind a MAC address for the user as explained in the "Add user" section. Click "OK" to save.

Delete user:

Select the user you wish to delete and click on the "Delete" button. A confirmation prompt will pop up. Click "Ok" to confirm.

Note: The default user "admin" cannot be deleted.

4.6.2 Online Users

"Online users" section will allow you to view users who are currently connected to the camera. Administrator level users can also kick out other users who are currently connected to the camera.

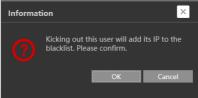
Go to "Network" \rightarrow "Online Users" to access the following interface.

Config Home	Config Home > Security > Online User							
Index	Client Address	Port	User Name	User Type				
					Kick Out			

You can view the IP address, port, username and user type used for the connection.

The "Kick Out" button will kick out the selected user and input his IP address to the blacklist.

Click on it for the relevant user and confirm the prompt message.



Important Note: once the user is kicked out, the IP address used for connection will be blacklisted. Therefore, the device used for connection will not be able to connect to the camera until the IP address will be manually removed from the blacklist.

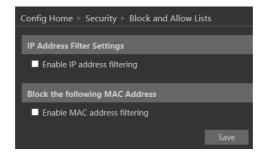
4.6.3 Block and Allow Lists

"Block and Allow" lists allow the user to create lists of IP/MAC addresses that will be allowed or denied for connection.

Once a "Block" list is created, all devices except the blocked devices will be allowed to connect to the camera.

Once an "Allow" list is created, all devices except the allowed devices will be blocked from connecting to the camera.

Go to "Network" \rightarrow "Block and Allow Lists" to access the following interface.



The lists can be based on IP Only / MAC only / Both IP and MAC together.

Enable the filtering you wish to activate. For the demonstration, we will enable both IP and MAC filtering, so the instructions below are true for both.

- 1) Choose the type of list you wish to create (block or allow)
- 2) Input the IP/MAC address you wish to add to the list
- 3) Click on add.
- 4) If you wish to add more than one address, repeat stages 1-3
- 5) Once finished, click "Save" to confirm, save the settings and enable the lists.

Config Home 🕨 Security 🖻 Block and Allow Lists			
IP Address Filter Settings			
Enable IP address filtering			
O Block the following IP address O A	llow the following IP address		
	Add Delete 0.0.0	○ IPv4 ● IPv6	
Block the following MAC Address			
Enable MAC address filtering			
• Block the following MAC address	Allow the following MAC address		
	Add Delete 00:00:00:00:00 Save]	

4.7 Maintenance

Maintenance includes 4 submenus: Backup & Restore, Reboot, Upgrade and Operation log.

4.7.1 Configure Backup & Restore

Backup and restore are used to save the camera's configuration on a PC and use it in case the camera's configuration was changed or when you wish to change the configuration of several cameras to be uniformed. This section also allows you to restore the camera's setting to factory default with some exceptions.

```
Go to "Maintenance"→" Backup and Restore".
```

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Config Home	Maintenance Backup and Restore
Import Setti	ng
Path	Browse
	Import Setting
Export Setti	ngs
	Export Settings
	Export Settings
Default Sett	ings
Кеер	Network Config
	Security Configuration
	Image Configuration
	Load Default

- Importing Settings: If you have a configuration file and you wish to import it to the camera, click on "browse" and choose the relevant config file. After choosing the file click on "Import settings" and wait for the process to finish.
- Exporting settings: If you wish to export the configuration settings of the camera click on "Export". Choose the location on your PC and set the file name. Click on "OK" to save the file on the desired location.
- Loading factory default: If for any reason you wish to restore your camera settings to factory default, you can use the "Load Default" button. Notice that you can mark some configuration that will be saved:
 - $\circ\,$ Network Config: Will save all the network section configuration
 - \circ Security Configuration: Will save all the security section configuration.
 - $\circ\,$ Image configuration: Will save the image section configuration.

4.7.2 Reboot Device

Go to "Maintenance" \rightarrow "Reboot" to see the interface as shown below.

Co	nfig Home 🕨 Maintenance 🖻 Reboot
	Reboot
	Reboot
	Updating takes 1-5 minutes. Once succesful the browser will reconnect automatically.
	Timed Reboot
	■ Time Settings Save

In order to reboot the IPC click on the reboot "Reboot" button and confirm the pop up prompt

message, then wait for the reboot process to finish.

You can also set a scheduled reboot. Tick the "Time Settings" and set the time period and time for the reboot. You can choose a day of the week when the reboot will automatically take place or you can set it to happen on a daily basis. The reboot will occur on the specified day and time.

Timed Reboot	
Time Settings	
Week	Daily 🖌
Time	15:07
	Save

4.7.3 Upgrade

Go to "Maintenance" \rightarrow "Update" to open the interface as shown below.

Upgrade System	
Path Brows	
Upgrade	

- 1. Click "Browse" button to select the upgrade file.
- 2. Click "Upgrade" button to start the upgrading process of the IPC.
- 3. The device will restart automatically once completed.
- 4. Depending on the update release note, the IPC configuration might reset.

Notice:

- 1) You must not disconnect to PC or close the IPC during the upgrade process to prevent permanent damage to the camera.
- 2) The camera update file is ***. TAR. the "TAR" file should not be extracted.

4.8 Playback

Playing back videos taken by the camera have 2 options:

- A. Video files/Images saved locally on the PC (If any were taken)
- B. Video files/Images saved on the Camera SD card (If available)

To access the playback interface, click on the "Search" Main tab. The interface below will appear.

	Live	Config	Search	Logout
Photo Video				
Local Image SD Card Image				
4 307 10<				
Time Image Name				
K K Page 0 of 0 ► N 10 View 0 - 0 of 0				

- First, you will have to choose which type of media you wish to search. On the left top corner choose from Photo and Video
- 2) Choose the location of the stored media. You can either choose "Local" which is your PC or you can choose "SD Card" which is the camera's SD Card.
- If you chose the SD card as the search source you can also define the alarm trigger as follows:

Motion Detection , Se	ensor , Schedule , Line	e Crossing , Sterile A 🔜
Select All		
Motion Detection	✓ Sensor	Schedule
Line Crossing	Sterile Area	Object Monitoring
Camera Tampering	People Counting	Crowd Density
People Intrusion		

4) Set the search range. You can choose a single day and set a time range of up to 24 hours. (full day). Once finished click on "Search" to show the results.

	c	Loca	il Image		•	SD Card	l Image
∢ ∢ Sun 24 1 8		10 Tue 26 3 10	▶ ▶ Wed 27 4 11	Thu 28 5 12		Sat 30 7 14	Start Time 00:00:00 End Time
15 22 29	16 23 30			19 26 2	20 27 3	21 28 4 Today	23:59:59
				Sea	rch		
	Time				I	mage Na	ame
	2017-10-26 08:45:27 20171026084527877.jpg						
		08:45:		20171026084521797.jpg			
2017-10-26 08:45:09 20171026084509797.jpg			09797.jpg				

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5) Double click on the image/video from the list for it to show on the main playback window and it to the playback queue.



The playback controls are described below. Notice that it is different for Videos and Photos

• For Photos

Icon	Description	Icon	Description
≜ ⊗	Close the displayed image	()	Digital Zoom In
	Close the displayed image and delete the queue list	\bigcirc	Digital Zoom out
₹	Download the displayed image to your PC (SD Card search only)	$\boxed{\bigtriangleup}$	Play a slideshow of the queued images
	Download the displayed image and queue list to your PC (SD Card search only)		Stop the slideshow
►	Fit the image to the screen	2.55	Dwell time between images
$\boxed{\times 1}$	Display the image in real-size		

• For Videos

Icon	Description	Icon	Description
	Play		Play next file
	Pause playback	Ĩ	Enable/Disable Watermark

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	Stop Playback		Download the selected file (SD Card only)
▼	Reduce playback speed		Enable/Disable Audio + Volume control
	Increase playback speed		Full-screen mode
	Play previous file	Balanced 🝷	Buffering mode selection

5 Mobile Surveillance

This IPC supports mobile surveillance from internet browsers and iOS/Android mobile phones using Provision-ISR's application "Provision Cam2"

5.1 Network Configuration

• Access the device via LAN

Step 1: Connect device via a wireless router. Then checkmark DHCP both in router and device to automatically acquire IP address or enter the IP address manually.Step 2: Use WIFI function on your mobile phone to connect the wireless router.Note: Make sure your phone network and device network are on the same network

segment on LAN.

Step 3: Add the IP address and port in the mobile phone surveillance client.

• Access the device via 3G network

Step 1: Set the device network. Please enter Main Menu→Setup→Network tab.

If you use PPPoE to connect the device, please enable PPPoE and input username and password received from your ISP in network tab. Then click "Apply". You can enter Main Menu \rightarrow Information \rightarrow Network tab to see the IP address. If you want to utilize dynamic domain name, please apply for a domain name in a DNS server supported by the device.

▶ If you have a static WAN IP address, please enter Main Menu→Setup→Network tab to input your IP address, gateway, and port.

▶ If you use LAN IP address, please enter Main Menu→Setup→Network tab to input your IP address, gateway and port and then forward IP address and port number in virtual server setup of the router or virtual server(If you have enabled the UPnP function in both the device and router, you can skip this step). Port forwarding setting may be different in different routers and servers. Please refer to the router's manual for details. After you forward your LAN IP address and port, please check the WAN IP address of the router or server.

Step 2: Add the WAN IP address or domain name in mobile phone surveillance client.

6 Appendix I : NVR Compatibility

The FEI-360IP5 Fish-Eye camera can work independently and be accessed via web-browser or mobile application (Provision Cam2). If you wish to install it and connect it to an NVR, you must use Provision-ISR NVR and it must be from the Professional series (All models without "E" / "X" / "A" in the model name). For example:

- NVR5-32800-16P(2U) Compatible
- NVR5-8200A Not Compatible

7 Q & A

1. Q: How to find my password if I forget it?

A: The default username is "admin" and the default password is "123456".

If you have changed the password and you can't remember it, use the physical reset button on the camera (Press and hold if available) or use the IP Manager to reset the camera to factory default.

Default IP: 192.168.226.201 User name: admin Password: 123456

2. Q: The IPC fails to connect devices through IE browser, why?

A: Network cable is not connected well. Please check the connection and make sure it is connected securely to the camera.

B: IP was not assigned to an IP.

C: Web port number has been revised: contact an administrator or use the IP manager to get the correct port number.

D: If none of the above worked, recover the IPC's default setting by using the physical reset button on the camera (Press and hold if available) or using the IP Manager to reset the camera to factory default.

Note: Default IP: 192.168.226.201, mask number: 255.255.255.0

3. Q: IP tool cannot search for devices, why?

A: It may be caused by the anti-virus/firewall software on your computer. Please disable it and try to search device again.

4. Q: IE cannot download ActiveX control. How can I do?

a. Your IE browser probably set to block ActiveX controls. Please perform the following steps:

① Open IE browser. Click Tools-----Internet Options....

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- 2 Select Security-----Custom Level....Refer to Fig 4-1
- ③ Enable all the sub-options under "ActiveX controls and plug-ins". Refer to Fig 4-2

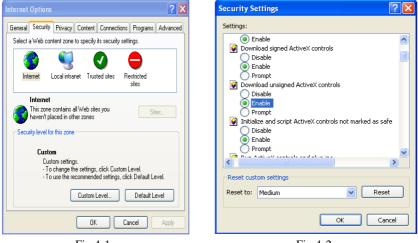


Fig 4-1

Fig 4-2

(4) Click ok to finish setup.

b. Other plug-ins or anti-virus blocks ActiveX. Please uninstall or close them.

5. Q: No sound can be heard, why?

A: Audio input device was not connected. Please connect and try again.

B: Audio was not enabled in the live view interface. Please check the AUDIO item to enable this function.