

IP Camera

User Manual

V2.0.0

This manual is applicable to the following products:

F-SC241 / F-SC921 / F-SC431 / F-SC621 / F-SC332

Xiamen Four-Faith Communication Technology Co., Ltd.

https://www.fourfaith.co

Document Revision History

Date	Version	Note	Author
2019-05-01	V1.0.0	Initial Version	Wayne
2020-12-01	V1.1.0	Add Latest Products and New Features Instruction	Jonas
2021-06-22	V1.1.1	Update Product Line Graph	Jonas
2021-07-08	V2.0.0	New Version	Jonas



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FCC Statements

This device complies with part 15 of the FCC rules. Operation is subject to the following two conditions:

(1) this device may not cause harmful interference, and

(2) this device must accept any interference received, including interference that may cause undesired operation.

NOTE: The manufacturer is not responsible for any radio or TV interference caused by unauthorized modifications or changes to this equipment. Such modifications or changes could void the user's authority to operate the equipment.

NOTE: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio



communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.

- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.

- Consult the dealer or an experienced radio/TV technician for help.

Federal Communication Commission (FCC) Radiation Exposure Statement

When using the product, maintain a distance of 20cm from the body to ensure compliance with RF exposure requirements.





Note: There may be differences between models of accessories and interfaces, actual products shall prevail.



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Chapter 1 Introduction

1.1 General

Four-Faith IP Camera series provides a comprehensive range of security and surveillance solution to meet users' requirement. The cameras can be set up in a network and controlled or managed locally and remotely. Users can use it as an independent monitoring camera or connect to an NVR to build a surveillance system. With the APP and cloud platform, users will be able to access the camera on a mobile phone and other computer devices.

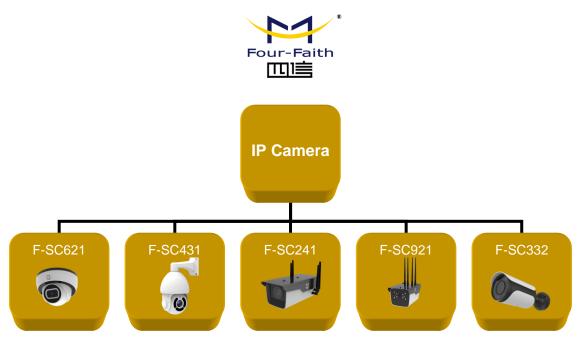
Four-Faith cameras use the high-performance CPU and other industrial-grade units, with the embedded real-time operating system as the software support platform. The cameras support H.265/H.264/MJPEG video compression algorithm and industry-leading HD dual-stream technology to achieve the highest level of video image quality under the limited network resources. It is fully functional, supporting for flexible and comprehensive alarm linkage mechanism, day and night auto switch, smart PTZ control and privacy masking, etc.*

The product has been widely used in the M2M industry of the IoT industrial chain, such as smart grid, intelligent transportation, smart home, finance, mobile POS terminals, supply chain automation, industrial automation, intelligent building, fire protection, public safety, environmental protection, meteorology, digital medical, telemetry, agriculture, forestry, water, coal, petrochemical and other related fields.

*Only available for specific models



1.2 Product Line



1.3 Word Definition

Word	Explanation
IPC	IP Camera
H.264	Advanced Video Coding (MPEG-4 AVC) is a block-oriented
п.204	motion-compensation-based video compression standard.
	High Efficiency Video Coding(HEVC), also known
H.265	as H.265 and MPEG-H Part 2, is a video compression
11.205	standard, designed as a successor to the widely used AVC
	(H.264 or MPEG-4 Part 10).
	Motion JPEG (M-JPEG or MJPEG) is a video compression
MJPEG	format in which each video frame or interlaced field of a
	digital video sequence is compressed separately as a JPEG
	image.
	The Session Initiation Protocol (SIP) is a signaling protocol
SIP	used for initiating, maintaining, and terminating real-time
011	sessions that include voice, video and messaging
	applications.
	Wide Dynamic Range (WDR) is a term used in the
WDR	surveillance camera industry to refer to high-dynamic-range
	imaging.
	The Real Time Streaming Protocol (RTSP) is a network
RTSP	control protocol designed for use in entertainment and
	communications systems to control streaming media servers.



Chapter 2 System

2.1 Structure & Diagram

2.1.1 IPC Working Principle Diagram

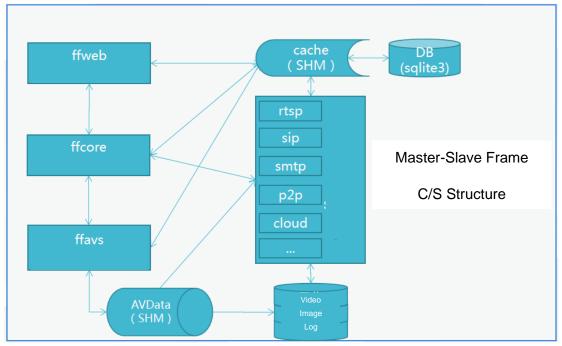
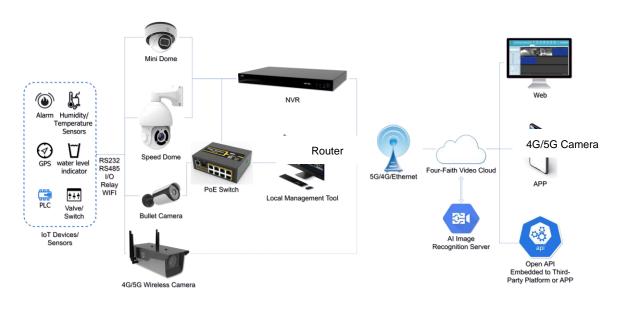


Diagram 2.1.1 IPC System Structure

2.1.2 IPC Cloud Management Structure







2.2 Features

2.2.1 Network

- Ethernet: 1*RJ45 10M/100M Ethernet Port
- Network Storage: NFS、CIFS/SMB
- Protocol: IPv4/IPv6, TCP, UDP, RTP, RTSP, RTCP, HTTP, HTTPS, DNS, DDNS, DHCP, FTP, NTP, SMTP

2.2.2 System

- Storage: Support Micro SD/SDHC/SDXC Card Local Storage, up to 128G
- Advanced Function: Motion Detection, Privacy Masking, Backlight Compensation, HLC, 2D DNR, 3D DNR, ROI, Anti-fog, White Balance, EIS, IP Address Filtering
- Event Trigger: Motion Detection, Network Disconnection, External Input, Audio Alarm, etc.
- Event Action: FTP Upload/SMTP Upload/SD Card Record or Snapshot
- System Compatibility: Onvif Profile S, GB/T28181

2.2.3 External Interface

- Power: DC-12v
- ✤ Audio: 1*
- Alarm: 1 Alarm In+1 Alarm Out (Port can Drive 12V or 5V Relay)*
- Relay Out: 1 Relay OUT*
- ADC In: 1 8bit IN*
- ✤ UART Port: TTL@115200bps Or Expansion for RS485*
- * = Optional

2.2.4 Cloud Platform

 Remote web server device management cloud platform for user to do remote status monitoring, configuration and update, etc.



2.2.5 Other Web Functions

- Local web server for device configuration, system maintenance, storage management, video monitoring, etc.
- Video Playback: Support video playback on web browser
- NTP: NTP with RTC, support timed reboot, scheduled power on or off
- Internet: Support IPv4 & IPv6, including static IP and DHCP.
- External PTZ: RS232/RS485 + Pelco-D

2.3 Performance

2.3.1 Streaming Concurrency

Support maximum 10 ways video real-time streaming when all 3 stream types are on. (Primary, Secondary and Tertiary stream. 2 ways 1080P, 1 way D1 30fps, using H264/H265/MJPEG)

2.3.2 Video Storage

Support 1 way SD card scheduled video recording & image capture, multi-way SD card alarm recording & capture.



Chapter 3 Operating Environment

3.1 Computer Requirement

- Recommended Windows 8 and above.
- IE 11 or above.

3.2 Connection

3.2.1 Equipment Power Supply

Four-Faith IP camera supports DC 9-60V wide voltage power supply. Users can choose one of the power supply modes to power the equipment. The power supply and network interface can be seen at the end of the camera after the screws around the cover plate are removed.

When the device is normally powered on, the infrared light at the front of the camera will flash quickly, and there will be a slight clicking sound inside the lens. At the same time, when the back cover is opened, it can be seen that there are lights inside.

Power interface diagram:

Terminal Interface (F-SC241/431)

DC interface (other models)







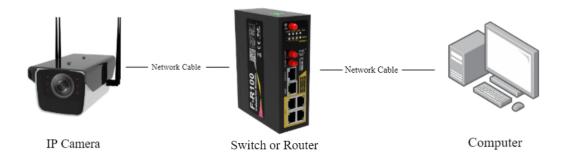
3.2.2 Network Connection

The camera can be connected to the computer for debugging and configuration in the following ways:

1. Direct computer connection



2. Connect through a switch or router

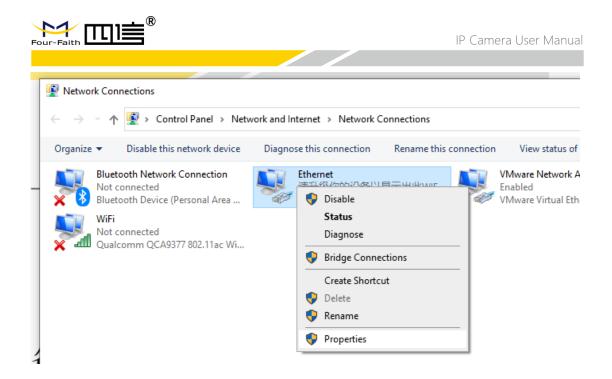


3.2.3 Access to Devices

Factory default configuration page address of IPC is <u>http://192.168.1.100.</u> Default user name is admin, the password is xmsx1234. If the computer and the camera are in a different network segment so that customer cannot directly access the camera from the computer.

In the case of a direct computer connection, it is necessary to set a fixed IP address for the computer first. The specific operation is as follows:

1. Open the Network Connections page of the computer and right-click the Ethernet and choose properties.



2. Modify IPv4.

Ethernet Properties	×
Networking Sharing	
Connect using:	
🚍 Realtek PCIe FE Family Controller	
Configure This connection uses the following items:]
Install Uninstall Properties	
Description Transmission Control Protocol/Internet Protocol. The default wide area network protocol that provides communication across diverse interconnected networks. OK Cance	4



3. Set the COMPUTER IP to any address in 192.168.1.x network segment.

d	nternet Protocol Version 4 (TCP/IPv4) Properties
-	General
h	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.
E	O Obtain an IP address automatically
	• Use the following IP address:
C	IP address: 192 . 168 . 1 . 2
	Subnet mask: 255 . 255 . 255 . 0
	Default gateway: 192 . 168 . 1 . 1
C	Obtain DNS server address automatically
I	• Use the following DNS server addresses:
	Preferred DNS server: 8 . 8 . 8 . 8
	Alternate DNS server:
	Vajidate settings upon exit Advanced
	OK Cancel
- H	

4. Try to access the IP camera configuration web page http://192.168.1.100 from Internet Explorer.

3.2.4 Device Search and IP Setting

When customer using a switch or router to connect, the device may not be able to access because the camera is in a different network segment from the computer and router. At this time, customer needs to use search tools to search IPC device for configuration.

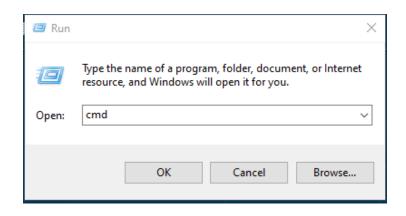
Open Incisive Tools and click the search button. The tool will search all camera devices under the same LAN and list them together.

Piece Parts	口言 IPC N	IVR							¢	– 🗆 🗙
	Search	🔹 Config		Update 🚽			🔍 admin	â *******	Search here	Q
	bearon	- 001115		opulice ;					Search Here	
🗌 No.	IP	MAC	PORT	NETMASK	GATEWAY	Device Name	MODEL	Run-up Time Firm	war Version	Neb Browei
C 1 '	192.168.1	54:D0:B4:C0:	80	255.255.2	192.168	IP Camera F-S	6C341-216-4	2020/11/20 10.	1.0.5-r22	
										rch
Ope	erator				초 Clear	Network Se	etting		Ø	Nodify
Ope	erator				출 Clear	Network Sa	etting		Ø	Modify
Ope	erator				출 Clear	Network Se	etting 192.168.1 .11	Getway	92.168.1 .1	Modify
Ope	erator			Å	축 Clear			Getway DNS		Modify
Ope	erator	24	i Z		축 Clear	IP Port	192.168.1 .11		192.168.1 .1 8 .8 .8 .8	Nodify
Ope	erator		Ž	Â	A Clear	IP Port	192.168.1 .11 80	DNS	192.168.1 .1 8 .8 .8 .8	Kodify
Ope	erator		ź		A Clear	IP Port	192.168.1 .11 80	DNS	192.168.1 .1 8 .8 .8 .8	Modify



Please confirm whether the IP address of the IP camera is in the same network segment as the computer. Otherwise, the configuration of the camera cannot be accessed. The following processes can use for obtain the network segment where the computer is located:

Press Win+R on a Windows computer to open the CMD:

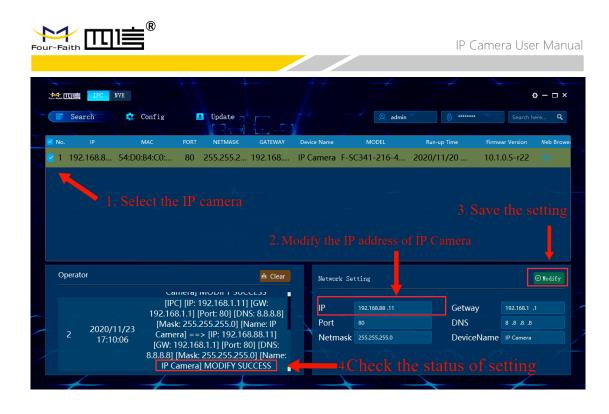


Enter ipconfig in the command bar and press Enter:

C:\WINDOWS\system32\cmd.exe
Microsoft Windows [Version 10.0.18363.720] (c) 2019 Microsoft Corporation. All rights reserved.
C:\Users\\ayne> <mark>ipconfig</mark>
Vindows IP Configuration
♥ireless LAN adapter Local Area Connection* 2:
Media State : Media disconnected Connection-specific DNS Suffix . :
Wireless LAN adapter Local Area Connection* 3:
Media State Media disconnected Connection-specific DNS Suffix . :
Ethernet adapter Ethernet:
Connection-specific DNS Suffix .: Link-local IPv6 Address : fe80::3d7f:c10f:4091:34b4%15 IPv4 Address : 192.168.88.18 Subnet Mask : 255.255.255.0 Default Gateway : 192.168.88.1
Ethernet adapter VMware Network Adapter VMnet1:

If the network segment of the computer is 192.168.88.x, the IP of the IP camera should also be changed to 192.168.88.x. If the network segment of the computer is 192.168.0.x, the IP of the camera should be changed to 192.168.0.x, and so on.

In the search tool, the IP of the device can be directly modified in batches. The specific processes are as follows:



For information about the Incisive Tools, please refer to the user manual of the Incisive Tools.

3.2.5 Device Login

- 1. Open IE browser (IE 8.0 or above) and enter the IP address of IPC.
- 2. Enter ID and password to login.

Notice:

- 1. Initial account of standard version: admin; Password: xmsx1234.
- 2. The version before V1.0.0.5, password is ff2018.

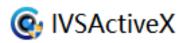
👙 Four-Faith IP Camera	×			
Four-Faith				English T
		admin		
		Password		
		Remember Password		
		Login		
	Copyright © 2	015 Four-Faith Communication Technology Co.,Ltd. All rig	ghts reserved.	



3. The user needs to install the video plug-in when the user login to IE for the first time. Click and download the video player plug-in.



4. After finish downloading, install the video plug-in.



5. After finish installing the video plug-in, refresh the IE. Users can check real-time video monitoring on IE and user can operate different functions of IPC on this web interface.





Chapter 4 Main Function

4.1 Embedded System

4.1.1 Ethernet

1 x 10/100M auto-adaptive Ethernet port

4.1.2 SD/TF Card

SD card auto mount directory: /mnt/mmc/, for video recording and image capture. The related web page will show the usage information, user can also check the files inside the SD card.

Note: The SD card needs to be initialized when user use IPC at the first time.

4.1.3 RS485

The RS485 serial port control directory: /dev/ttyS1 (COM1 on the hardware), can be connect to external PTZ to realize PTZ control.

4.1.4 Audio Interface

Support 1 way MIC or Linear input. There is a reserved power amplifier interface inside the camera, user can connect it to a speaker directly. The IPC support web audio talkback, press the talk button to do real time talkback.

4.1.5 External I/O

Support external I/O, some models support external GPIO input and output, can be connected to other external alarm signal, such as smoke alarm, light alarm, etc. IPC can output TTL signal to trigger other action after received the alarm signal, such as control relay to send out alarm, or activate fire alarm system.

4.1.6 External RELAY Interface

Support external RELAY OUT, can output signal to trigger other action.

4.1.7 ADC In

Support external ADC collection, can be used for real-time analog data collection in some specific environment. For example, to check the temperature of a fishpond, the IPC can be connected to an external temperature sensor to collect the voltage analog data. When there is an abnormal temperature, it will trigger the alarm to remind the fishman to adjust the temperature.

4.2 Local Web Management Portal

We recommend using Windows Internet Explorer to get the best user experience. You may require installing some plug-ins before you use the web portal.

4.2.1 Login

The default login credential is printed on a tag on your camera. The login IP address is 192.168.1.100, username is admin, and password is ff2018 unless you have changed them before.

Type in the address and user info, click login to enter the management portal.

Image: Constraint of the state of		. →	Search		- 8 × ₽- @ ☆ ©
Four-Faith				English	Ŧ
	admin				
	•••••				
	Remember Password				
	Login				
	Copyright ©2018 Four-Faith All Rights Reserved.				



4.2.2 Configuration

Click the 'Configuration' tab on the top menu, user can manage the IPC from the following page.

The side menu has list out all the items that user can configure. User can do detail configuration on the right side of the side menu after clicking the related item.

Four-Faith	Preview	Playback	O Configuration
🗂 Media		Video	
🖂 Image		IP Comera	2019/09/10 11: 35: 02 AM
Event Event			
E Storage			
Network			Statemen Dures Primary Ander Dottes II. 205
皿 System	>		Annakur um 1990#1080 Frank Anna 2010s Biterre OSAV Ikops

4.2.3 Display Setting

Support web video image adjustment, including Basic Settings, Day & Night Switch, OSD, Private Mask, ROI, etc.

	General Settings Adv	anced Settings
IP Conners. 2019/09/10 11: 35: 34 AM		
	Day/Night Switch:	Auto
	Switching Sensitivity:	Sensitivity 4
	Smart IR Mode:	Customize
Survey Report Primary Wildow Spans, R. 255	Near View Level:	50 Rese
Frank Bets Star Batsala, 1975, 1955	Far View Level:	0 C
	IR Strength Value:	Near: 0 Far: 0 💠
	Power Frequency:	50Hz V
	Indoor/Outdoor Mode:	Outdoor
	Image Rotation:	Off
	Image Filp:	Off



4.2.4 Video Setting

Support video configuration, including Stream Type, Video Format, Resolution, Quality, Time, Bit Rate, CBR/VBR Type, etc.



4.2.5 Real-time Video

Real-time video is supported in IPC web interface and user can control the IPC remotely at the same time.

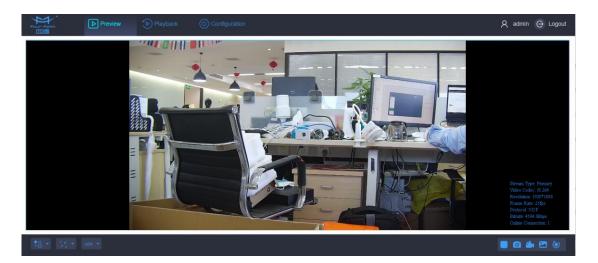
Processes:

1. Login the IPC web interface.

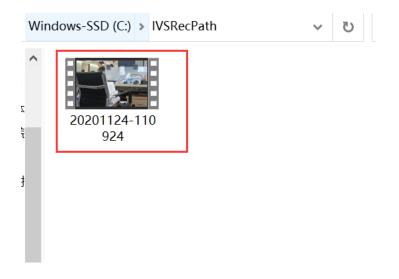
😤 Four-Faith IP Camera	×			
Four-Faith				English T
		admin		
		Password		
		Remember Password		
		Login		
	Copyright ©	2015 Four-Faith Communication Technology Co.,Ltd. All r	ights reserved.	



2. Click preview option on the top of the menu. At the lower right corner, user can remote control IPC such as play/stop live video, snapshots, video recording. Some cameras can support lens zoom, focus and other features.



3. On the video preview interface, the recording videos and snapshot are stored on the local disk. After finish record the video or snapshot, the system will automatically pop up the local disk window of the recording video/snapshot so that users can view it at the same time.



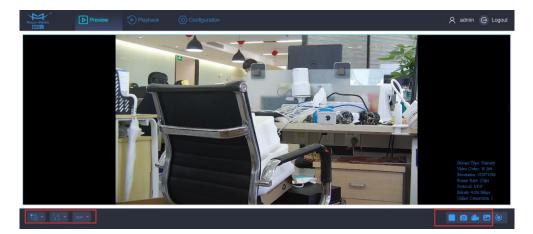


4. User can setting the record video storage path on the IPC web interface.

Preview	Playback	O Configu	uration					🞗 admin ⊖ Logout
🗂 Media	Sto	orage Manage	Storage Explorer	NAS Settings	Record Schedule	Snapshot Settings	Local 3	
🖂 Image			Record	File Length:		30 minutes	\vee	
Event			Local V	ideo Storage:				_
			Record	File Path:		C:WVSRecPath	Browse Open	4
💾 Storage	2		Picture	Path:		C:\IVSImgPath	Browse Open	
Network					s	ave		
E Applicat	on							
🖳 System	>							



Buttons of image setting:



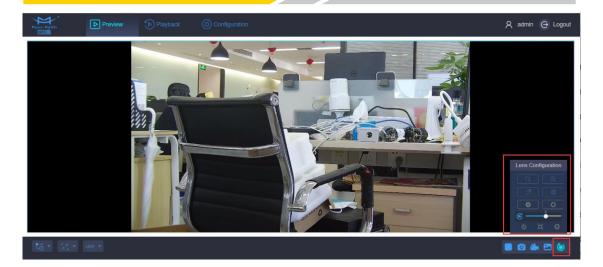


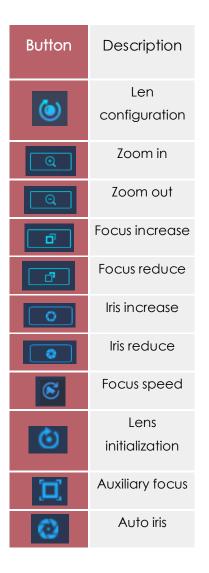
Button	Description
t-0	Primary stream
₽ <u>~</u>	Secondary stream
ר א ה ל	Window size
ר א ע ש	Real size
רא צא	Full scream size
тср 💌	Protocol setting
	Play
	Stop
٥	Snapshot
*	Brightness
	Contrast
•	Sharpness
ж	Noise reduction level
C	Default
۵.	Video recording
0	Saturation

Buttons of IPC remote control:



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4.2.6 Video Playback

The IPC web interface supports video playback function. User can use the IPC web interface to play the recorded video from the IPC storage directly. You may require to install plug-ins before you use this function.

Processes:

- 1. Click the playback on the top of menu.
- 2. Select the date and time on the right side.
- 3. Click the play button to playback the video.





4.2.7 Video Record Schedule

User can set the recording schedule so that the IP camera can record automatically at regular intervals.

Processes:

- 1. Click the configuration on the top of menu.
- 2. Select the storage option on the left side.
- 3. Choose record schedule on the top.
- 4. Enable the record schedule.
- 5. Choose the disk.
- 6. Select the recording day & time period and save.

_) Media	Storage Manage	Storage Explorer	NAS Settings	Record Schedule Snapshot Settings Local	
Event			Г	Enable Record Schedule: Id Starage Disk Nomaber: Disk 0 (SD Card) Enable Recycle Storage: Id	
Network Application System				Control Control Sum 0 2 4 6 10 10 12 14 16 10 10 12 14 Sum 0 2 4 6 10 10 12 14 16 10 10 12 14 Tom 0 2 4 6 10 10 10 12 14 Tom 2 4 6 10	
			L		



4.2.8 Alarm

The product supports various event alarm functions, by setting up some trigger conditions and the related actions to inform user to check and take action.

		Alarm Action > Associated	Configuration > Schedule Settings
nofa	2019/09/10 11: 38: 23 AM	Enable:	
		Sensitivity:	5F
		Enable Alarm Record:	
		Enable Alarm Snapshot:	
	Million Primary Million Patter H. 285 Handley Lon. 1920×1080	Storage Disk Number:	Disk 0 (SD Card)
	Frank Rits 2455	Upload Via SMTP:	

4.2.9 Storage Configuration

The product support storage management, storage configuration, file search, scheduled recording, scheduled image capture, etc.

Disk No.	Capacity	Remaining	Status	Туре	Property	Current Disk 0 Information:		
0	14.43G	4.43G	Normal	SD Card	WR	Image Capacity:	4.25G	
						Image Remaining Space:	4.23G	
						Record Capacity:	9.75G	
						Record Remaining Space:	0.20G	
						Capture Storage Percentage:	30	
						Record Storage Percentage:	70	



4.2.10 Network Configuration

Port Settings	TCP/IP	HTTPS	SMTP	Cloud				
			Http Por	t: (1-65535)	80			
			Https Po	rt: (1-65535)	443			
			RTSP P	ort: (1-65535)	554			
Dort Cottingo	TODID		CMT	D. Cloud	Save	1		
Port Settings	TCP/IP	HIPS	S SMT	P Cloud				
		IPv	4 Mode:		Fixed IP		~	
		Dev	rice IP Addre	SS:	192 . 16	8 . 88	. 61	Test
		IPv4	4 Subnet Ma	sk:	255 . 25	5 . 255	. 0	
		IPv	4 Default Ga	teway:	192 . 16	8 . 88	. 1	
		DN	S Server:		192 . 16	8 . 88	. 1	
					Save			



4.2.11 4G/5G Configuration

1. Insert the SIM card to the IPC. Click the 'Network' option on the left side of the IPC Web interface and choose 4G/5G on the top of the menu. Enable the 4G/5G

Notice:

1. Make sure the network state is connected, has an IP address and the signal value is above 15.

2. The network state is at least 4G or LTE.

	Playback	Configuration			A admin 🕒 Log
🗂 Media	Port Settings	TCP/IP HTTPS SMT	P Cloud FTP/SFTP	4G/5G GBT Settings	
🖂 Image			Enable:		
🛱 Event			Current Connection Status: IP:	Disconnect	
Storage			Current rssi :		
Network			Network Adapter: Communication System:	3G/4G ∨ #99***3#(LTE/3.75/4G) ∨	
B Application			User Name:		
Dystem	>		Password:		
			APN:		
			PIN:		
			keep online mode:	PING V	
			online server ip:	114 . 114 . 114 . 114	
				Save	



4.2.12 Cloud Platform Configuration

1. Click the 'Cloud' on the top of the menu, enable it and save. Check the status and copy the device registration ID. (The cloud server address and server port may change by the customer's local server and local port)

Notice:

1, Make sure the server address and port are correct, customer could check with the technician.

2, Make sure that the device registration ID is the same as the ID newly adde d on the platform and that the capital and small letter must be the same.

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-	Application							Save			
	System	>									Į
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2. Enter the cloud server address on the IE and login to the Four-Faith Could Platform.

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3. Click the device and choose add option for adding the IPC device to the Four-Faith Cloud Platform.

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		10	FF TEST	202009301133	202009301133	Video Station	8	222333	111M	111	2020-10-01		17/1	102



4. Paste the device registration ID that copy on the IPC Web interface. Select the organization, device type and total channel. Fill up the IPC information and click confirm.

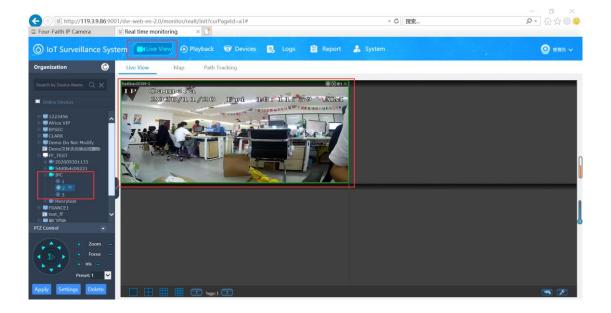
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			9	默认分组						unlimited	2020-09-19 08:46:15 2020-10-01	0		2
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5. Click the organization that select at the previous procedure on the left side and check the status.

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		2	FF_TEST	54d0b4c00309	IPC	Video Station	3	1	10M	1	2020-11-20 10:10:16	9	Ø	-
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6. Click the 'live view' on the top of the menu. Choose organization on the right side and select the IPC to watch the live stream video on the Four-Faith Cloud Management Platform.





IP Camera User Manual

4.2.13 SMTP

Port Settings	TCP/IP	HTTPS	SMTP	Cloud	
			Sender	Settings:	
			Sender	Email Address:	ff_testipcamera@163.com
			SMTP S	erver:	smtp.163.com
			SMTP P	Port:	25
			Encrypti	on:	Not encrypted V
			Server A	Authentication:	
			User Na	me:	ff_testipcamera
			Passwoi	rd:	•••••
			Recipier	nts Address:	
			Recipier	nt Email Address1:	
			Recipier	nt Email Address2:	
			Recipier	nt Email Address3:	
					Save

4.2.14 Device Upgrade

1. Remote Upgrade: Upload the new firmware through the cloud server API, click the upgrade button on the related web page. The cloud server will automatically send the firmware to the IPC to finish the upgrade. After the upgrade, it will return the result to the web server.

2. Local Upgrade: Select the new firmware from the local web portal, the web page will send the firmware to the IPC to finish the upgrade. After the upgrade, it will return the result to the page.



System Maintenance

Version Information:		
Software Version:	10.1.0.2-r4	
Hardware Version:	V1.0	
System Operation:		
Reboot the Device:	Reboot	
Device Parameter Reset: (Keep the IP Configuration)	Reset	
Factory Default:	Restore	
Profile Operation:		
Export Config File:	Export Config	
Import Config File:	Select File	Upload
Update Operation:		
Firmware File:	Select File Upgrade	
Reset after Upgrading:		
	will restart automatically after the upgrade is upleted.	

4.3 Video Coding

IPC system provides RTSP protocol to streaming video through network. By typing the RTSP address and port, verify the username and password, user will be able to watch the real-time video streaming on web page, VLC or network video players.

It also supports video streaming through cloud server or from APP. Contact your sales for cloud server license.