

VIT-6Series

User Manual



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【IMPORTANT NOTICES】



WARNING

- **PLEASE DO NOT LEAVE OR INSTALL THE DEVICE IN DAMP PLACE, DIRECT SUNLIGHT, HOT OR TIGHTLY SEALED ENVIRONMENT**
As this may contribute to loss of system performance, power leakage, even damages in extreme cases.
- **PLEASE DO NOT TOUCH POWERLINE, ADAPTER AND WALL PLUG WHEN HANDS ARE WET**
As this may cause electric shock.
- **PLEASE DO NOT OVERLY TWIST THE CABLES OR PLACE HEAVY ITEMS ON TOP**
As this may damage the equipment.
- **PLEASE DO NOT USE DAMAGED OR OPEN ENDED POWER LINE**
As this may cause electric shock or other injuries.
- **PLEASE USE SEPARATE POWER SOURCE, DO NOT SHARE OR EXTEND WALL PLUG WITH OTHER APPLIANCES.**
As this may cause electric shock, damages or other injuries.
- **PLEASE DO NOT DISASSEMBLE, RE-DESIGN OR MAINTAIN THE DEVICE BY YOUR SELF**
As this may cause electric shock, damages or other injuries. Please contact local supplier for repair and maintenance requirement.
- **PLEASE DO NOT REMOVE DEVICE ENCLOSURE OR INSERT FOREIGN OBJECT**
As this may cause electric shock, damages or other injuries.
- **PLEASE DO NOT USE UNKNOWN PARTS AND ACCESSORIES OTHER THAN SUPPLIED MATERIALS**
Please contact local supplier for repair and maintenance requirement.



CAUTION

- **PLEASE DO NOT PLACE THE DEVICE UNDER RAIN OR OVERLY DAMP PLACES (EXCLUDING OUTDOOR MODELS)**
As this will decrease the overall performances and cause fatal functional error.
- **PLEASE DO NOT SUBJECT DEVICE UNDER EXCESSIVE VIBRATION AND SHAKEING.**
As this may damage internal mechanics and ICs

	Important Notice	
	Please make sure the voltage is correct!	

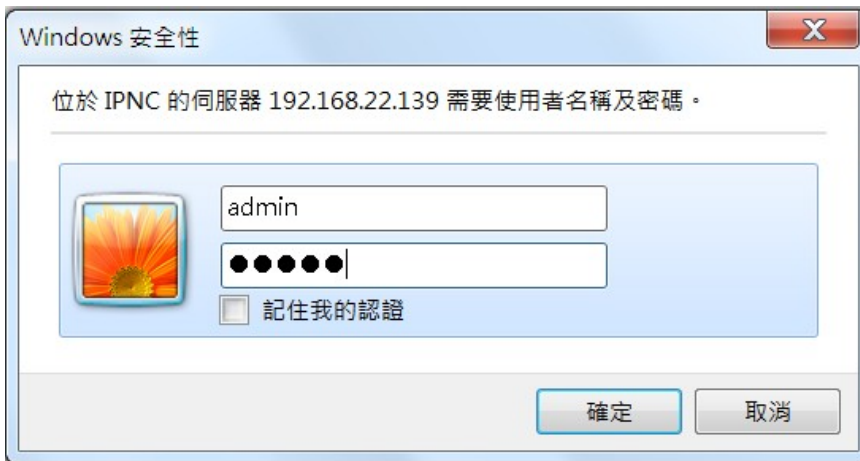


1. 【SPECIFICATIONS】

Subject	Specifications	
System	Platform : TI TMS320DM368 Flash : 32MB RAM : 128MB	
Lens	Manual Focus CS mount Lens (Support Auto Focus C/CS mount Lens)	
Video	H.264: 30 fps at 1280x720 , maximum 8 fps at 2592x1920	
	MPEG4: 30 fps at 1280x720 , Maximum 8 fps at 2592x1920	
	MJPEG: 30 fps at 1280x720 , Maximum 8 fps at 2592x1920	
	H.264 · MPEG-4 & MJPEG Multiple Compression Engine Technology (Triple Codec)	
	Support Simultaneous Multiple Streams	
	Support BNC Video Out · Selectable NTSC/PAL Format	
Image Settings	Adjustable image size, quality, and bit rate	
	Time/Date stamp and text caption overlay.	
	Configurable brightness, contrast, saturation, sharpness, white balance and	
	exposure AGC / AWB / AES / BLC/WDR	
Audio	Format	MPEG-4 AAC audio encoding
		G.711audio encoding
	Build-in microphone recording distance up to 5meters, mute and volume function available Support Audio line-in for external microphone	
	Support audio line-out for external alarm output	
Networking	Interface	10/100 Mbps Ethernet, RJ-45
	Supported Protocol	IPv4,TCP/IP, DHCP, HTTP, FTP, SMTP, RTSP,SNTP,DNS
	Supported Browser	Microsoft Internet Explorer 6.0 or above
	Microsoft Internet Explorer 6.0 or above	
Alarm and Event Management	Motion Detection	
	Digital trigger input / output	
	Audio alarm output (need line-out)	
	E-mail event notification using SMTP or FTP	
User Account	Maximum 4 clients online monitoring simultaneously	
	Multi-level user access control with password protection	
Local Record	Micro SD/SDHC card slot : Stores snapshots and video clips	
Maintenance	Supports online firmware upgrade	
I/O Interface	RJ-45 Ethernet x1,DC Jack x 1, SD Card slot x1, Auto IRIS, RS-485, line/out, Digital I/O (2 in, 2 out), external reset	
Power	DC12V or PoE IEEE802.3af Class 0 (optional)	
Operating Environment	0~45°C	

2. 【E BROWSER LOG IN】

2.1 Log in verifications



After successfully connected with IPC (IP camera) via IP address, you will be prompted with log in verifications. Please type in your username and password to access the system and setting.

2.2 IE WEBPAGE INTERFACE

Camera	
Model	IPCAM
Uboot Version	VIT-6Series
Kernel Version	U-Boot 1.3.4 (Jul 29 2013 - 10:32:29) 1.0.6
Firmware Version	IPNC_DM368_2.6.0 #17
	P100 VER 2.1.12-B2060 (2014/01/06 19:26:37)

IP	192.168.0.220
Netmask	255.255.255.0
Gateway	192.168.0.1
DNS	168.95.1.1
MAC	00:16:55:07:FF:E1

1st HTTP Streaming URL	http://114.35.90.64:7777/video0.m4v
2nd HTTP Streaming URL	http://114.35.90.64:7777/video1.m4v
1st RTSP Streaming URL	rtsp://114.35.90.64/video0.sdp
2nd RTSP Streaming URL	rtsp://114.35.90.64/video1.sdp

[VACRON CMS](#)

Best resolution 1280x800 pixel FUHO 2012 © FUHO TECHNOLOGY Co., LTD All Rights Reserved

The logged in web interface displays basic hardware and software information and / or option separated into 2 parts; a dropdown table of function list on the left and basic option and information on the right. (demonstrated with administrator log in)

3. 【STATUS INFORMATION】




3.1 STATUS INFORMATION IN WEBPAGE

Information	
Camera	IPCAM
Model	VIT-6Series
Uboot Version	U-Boot 1.3.4 (Jul 29 2013 - 10:32:29) 1.0.6
Kernel Version	IPNC_DM368_2.6.0 #17
Firmware Version	P100 VER 2.1.12-B2060 (2014/01/06 19:26:37)
IP	192.168.0.220
Netmask	255.255.255.0
Gateway	192.168.0.1
DNS	168.95.1.1
MAC	00:16:55:07:FF:E1
1st HTTP Streaming URL	http://114.35.90.64:7777/video0.m4v
2nd HTTP Streaming URL	http://114.35.90.64:7777/video1.m4v
1st RTSP Streaming URL	rtsp://114.35.90.64/video0.sdp
2nd RTSP Streaming URL	rtsp://114.35.90.64/video1.sdp
VACRON CMS	

1. The information area separate into three categories; firmware information on the top, IP address setting in middle, and TCP/IP protocol at the third.
2. Firmware include three main information; Uboot Version (boot-up firmware), Kernel Version (physical layer firmware) and Firmware Version.
3. IP address setting includes current IP address, subnet mask, gateway and device MAC number.
4. TCP/IP information; is where one can find IPC video/audio streaming protocols, video stream can be viewed on internet enabled media players (such as VLC) via streaming protocol. The hyperlink at the bottom connects to VACRON homepage, all product and update information can be viewed there. The IPC must be connected to WAN in order to visit VACRON.

3.2 LIVE VIEW AND FUNCTION



1. New installers may be prompted to download OCX if the computer used has yet to install OCX. Please proceed to download OCX in order to view live streaming.
2. On the top corner is  (Full screen)  (Record)  (Snapshot) for quick function.
The default record is at C drive, this can be changed to suit your requirement.
3. The options at the bottom is for direct record or snapshot on to computer, record path is definable.



IP surveillance

Live View

Status

Information

Ping

Settings

Video

Camera

Audio

Date Time

Network

DDNS

Network Protocol

Alarm

Record

Maintenance

User Account

SD Card

Media ActiveX plugin is not installed!

Mobile

錄影檔案路徑: Browse

快照檔案路徑: Browse

這個網頁想要執行下列附加元件: 來自 'SAFE AND POWER CO., LTD.' 的 'PBRecordControl-iosmart.ocx'。
有什麼風險?(W) 允許(A)


4. When above warning appears, please bypass IE security setting by manually download (allow) **Active X**, or it might be blocked by Windows IE.

4. 【SETTINGS】

4.1 Video Setting

You can change all video streaming related elements in **Video Setting** page, this page is separated into two parts as shown below. The upper half is streaming setting and below is camera additional information. All function is explained as below;

Video

Camera	<input type="text" value="IPCAM"/>	
Stream Type	<input type="text" value="Dual"/>	
Codec	<input type="text" value="Dual H.264"/>	
Resolution	<input type="text" value="H264:1080,H264:VGA"/>	

Video Stream Setting

Stream 1 <input type="button" value="Stream 2"/>	
Framerate	<input type="text" value="10"/> fps
Bit Rate	<input type="text" value="2048"/> Kbps
Rate Control	<input type="text" value="VBR"/>
Max Bit Rate	<input type="text" value="6144"/> Kbps
GOP [8 - 60]	<input type="text" value="60"/>

Overlay Setting

Date	<input checked="" type="checkbox"/>	<input type="text" value="Bottom-Right"/>	<input type="text" value="DD/MM/YYYY"/>
Time	<input checked="" type="checkbox"/>	<input type="text" value="Bottom-Right"/>	<input type="text" value="24Hrs"/>
Text	<input type="checkbox"/>	<input type="text" value="Top-Right"/>	<input type="text" value="Text"/>

Additional Information

Mirror	<input type="text" value="OFF"/>
Local Display Video	<input type="text" value="NTSC"/>

1. **Camera:** Change the name displayed in **IP CAM Searcher** software, you can assign a more convenient and memorable name for your IPC.
2. **Stream Type:** This setting allow user to adjust streaming standard, you can choose between Single, Dual, Tri-stream options.
3. **Codec :** This setting allow user to choose between the most suitable codec standard, the default combination is best for optimistic and stable performance of IPC and viewing device.




Choose between Single stream (H.264, MPEG4, MegaPixel), Dual stream (H.264+JPEG · MPEG4+JPEG · Dual H.264 · Dual MPEG4 · H.264+MPEG4), Tri-stream (Dual H.264+ JPEG · Dual MPEG4+ JPEG).

4. **Resolution:** You can further define streamed resolution combination to suit your desired application, the choice include **QVGA** (320x240) · **CIF** (352x240) · **VGA** (640x480) · **D1**(720 x486) · **720P**(1280 x720) · **SXGA**(1280 x1024) · **1080P**(1920 x1080) · **2MP**(1600x1200) · **3MP**(2048x1536)
5. **Frame Rate:** This setting adjust the P and I frame IPC streamed or captured in total within 1 second, the standard is FPS (frames per second).
6. **Bit Rate :** This setting adjust the combined P and I frame file size / second, the calculating standard is Kbps (killo bit per second).
7. **Rate Control :** This option adjust recording storage space, choose between VBR (variable bit rate), CBR (constant bit rate). Variable bit rate can intelligently reduce file size if frames captured similar, this may help reduce storage space required.
8. **Maximum Bit Rate:** Sets the maximum file size streamed by IPC
9. **GOP:** This setting manually adjust the number of I frames present in a frame. For example, the minimum setting of 8 produce 3 I frame in a 23 FPS / second stream.
10. **Overlay:** The time, date, text information can be display on screen, and become part of the information recorded on video. This setting give user clear understanding of time, text and camera identity during playback.
11. **Mirror:** Negate the upside down video display when IPC is installed upside down.
12. **Local Display Video:** IPC can stream analogue video stream for installation purposes or if traditional analogue DVR is used as storage device, choose between NTSC and PAL.



4.2 Camera Setting

Camera		
Camera	IPCAM	
Lighting Condition		
Brightness [0 - 255]	128	
Contrast [0 - 255]	128	
Saturation [0 - 255]	128	
Sharpness [0 - 255]	128	
		
Back Light Compensation	<input type="radio"/> OFF <input checked="" type="radio"/> ON	
Backlight	Mid	
WDR	<input type="checkbox"/>	
WDR Level [1 - 10]	5	
Flicker Control	60 Hz	
Whitebalance	Auto	
Color Mode	Auto	
Light Elements		
Lens Distortion Correction	<input type="checkbox"/>	
Image Sensor Mode	BINNING	
Auto IRIS	<input type="checkbox"/>	
2A Setting		
2A Mode	Auto Exposure + Auto White Balance	
Exposure Settings		
Dynamic <input checked="" type="radio"/>	Min. Shutter	1/100000 sec
	Max. Shutter	1/30 sec
Quality Priority Mode <input type="radio"/>	Max. Gain	24 dB
	Max. Gain	24 dB
Static <input type="radio"/>	Shutter	1/2000 sec
	Gain	24 dB
Noise Filter		
Spatial Filter[SNF]	<input checked="" type="radio"/> OFF <input type="radio"/> ON	
Temporal Filter[TNF]	<input checked="" type="radio"/> OFF <input type="radio"/> ON	
PTZ		
Protocol	OFF	
Device ID	1	
Baud Rate	9600	
Speed	16	
Min. Move Time	0 sec	
Additional Function		
IR Setting		
Ir Cut Mode	Light Sensor Detect <input checked="" type="radio"/>	
	Schedule Mode <input type="radio"/>	Day Time 6 : 0 Night Time 18 : 0
<input type="button" value="Accept"/> <input type="button" value="Reset"/> <input type="button" value="Default"/>		



Camera setting page adjust optic and lighting elements, it is divided into two parts as above picture. Each option is explained as below

1. **Light sensitivity:** Brightness, contrast, saturation and sharpness ranging from 0 to 255, the default setting is 128. You can adjust the color on screen in this field.
2. **Back Light Compensation:** Back light compensate adjust for automatic compensation of captured object under back lited environment, this will clarify the dark areas overshadowed by light. Max, midium and min optnions available.
3. **WDR:** Wide Dynamic Range compensate and negate the overshadowy effect, this setting will make thelightness and color in the whole frame more balanced and even.
4. **Flicker Control:** This setting balane out the flicker caused by light bulb and fluorencent light of different frequency (50Hz and 60Hz), so the viewing device does not apear light bar or wave on screen.
5. **White Balance:** This function is enabled by default, it can change environmental light source to a more balance white color, the image quality at dusk will appear natural.
6. **Color Mode:** Set to auto by default to automatically control IR CUT for transition between day and night time. During day time IR CUT is set to blue glass to filter IR light and will turn off IR LED automatically. The IR CUT is set to IR light and turn IR LED lighting.
7. **Video Stabilization:** This option is similar to anti shake in handheld camera, suitable for environment with strong winds (limited to models of 720P and below resolution).
8. **Lens Distortion Correction:** Wide angle lens may distort the image, so called “fisheye effect”, this function will lessen the effect to make the image flat.
9. **Image Sensor Mode:**
 - Binning:** Combine 4 pixels into 1 dpi to increase focal area and lightness, but this may lose image sharpness (default setting).
 - Skipping:** Combine 4 pixels into 1 dpi, and skip adjacent 2 pixels of repeated color, this will increase lightness and further increase focal area, but may lose image sharpness.
 - Window:** A pixel is a dot on the sensor, without any process. This will produce the least focal area of the three, but at the best image sharpness.(the above setting is only applicable in D1, 720P, SXGA resolution, the rest is automatically in window mode)



10. **Auto IRIS:** This function will affect electronic shutter, and is only present in models with Sony Exmor sensor.

11. **2A Setting:** Off, AES (automatic electronic shutter), and AWB (auto white balance) to choose from. This function is only available in models using Sony Exmor sensor. The default setting is 2A (AES+AWB)

12. **Noise Filter:** Spatial and temporal filter, both setting is set to off by standard. (Only available for resolution under 720P)

13. **PTZ Setting:** For use with PTZ cameras (speed dome or and slow dome).

14. **IR Cut Setting:** Choose between light sensor mode (auto) or schedule mode.



4.3 Audio Setting

Audio

Enable Audio	<input checked="" type="checkbox"/>
Audio Mode	Both Mic & Speaker

Audio Input

Encoding	G711u
Sample Rate	8Khz
Alarm Level [0 - 100]	50

Audio Output

Output Volume [0 - 100]	75
-------------------------	----

1. **Enable Audio:** Disable or enable sound recording and microphone. The drop down list activated after audio recording is enabled.
2. **Audio Input:** Encoding (default setting is G711u), Sample Rate (default is 8Khz), Alarm Level (default is 50).
3. **Audio Output:** This option adjust the input gain of acoustic effect, a higher setting reinforce the acoustic gain, but may also crease noise.



4.4 Time and Date

Date Time

		Year	Month	Day	Hour	Minute	Second
PC Time		2014	7	25	17	39	45
Device Time		2014	7	25	17	31	13
Manual <input checked="" type="radio"/>	PC Time						
Synchrize with Time Servers <input type="radio"/>	SNTP Server	ntp.ucsd.edu					
Time Zone		+ 8					

Time Setting

Auto Reboot	<input type="checkbox"/>
Reboot Time	0 : 0 : 0
Random Offset	600

Boot up Setting

1. **Time Setting:** IPC time format can be set manually, sync with PC or SNTP server time setting. SNTP server time setting requires user connecting to a SNTP server or set a local computer as time server.
2. **Boot Up Setting:** Provides auto reboot setting. The setting will flush out accumulated packages in RAM (similar to smartphones and PCs), this will aid a stable performance of IPC. The Random Offset defines a random plus or minus time frame adding to the IPC reboot time.



4.5 Network Setting

Network

IP

DHCP <input type="radio"/>	Hostname	<input type="text"/>
	MTU	<input type="text" value="1500"/>
Static IP <input checked="" type="radio"/>	IP address	<input type="text" value="192.168.0.220"/>
	Subnet mask	<input type="text" value="255.255.255.0"/>
	Default Gateway IP	<input type="text" value="192.168.0.1"/>
	MTU	<input type="text" value="1500"/>
DNS Assignment <input type="radio"/> Auto <input checked="" type="radio"/> Manual		
Primary DNS Server	<input type="text" value="168.95.1.1"/>	Secondary DNS Server <input type="text"/>

IP Setting

MAC

Factory Default MAC Address	<input type="text" value="00165507FFE1"/>	<input type="button" value="Restore"/>
Your MAC Address	<input type="text"/>	<input type="button" value="Clone"/>
Current MAC Address	<input type="text"/>	

MAC Setting

1. **IP Network Setting:** This page let user to assign network identities (LAN) to IPC via IE browser, so user can manage the allocated ports and IP address (multiple LAN) on their network switches.
2. **MAC Address:** MAC address is used for the identification of manufacturer product information (model name and manufactured time). If worked in conjunction with IP CAM Searcher, our software can distinguish IPC by MAC address even if they are assigned the same IP address. Our IPC MAC address can be changed temperately, with manufacturer default restore to change it back to original MAC address.



4.6 DDNS Setting

DDNS	
Register to DDNS	<input type="checkbox"/>
Server Address	DynDNS <input type="text" value="members.dyndns.org"/>
Hostname	<input type="text" value="dyndns.org"/>
Login ID	<input type="text"/>
Password	<input type="password" value="....."/>
Confirm Password	<input type="password" value="....."/>
Behind NAT	<input checked="" type="checkbox"/>
Custom	<input type="checkbox"/>

1. DDNS Setting: DDNS is a way of URL redirection, user can register for DDNS service and obtain a specific server address in characters (as opposed to number), the visitors from WAN can search for the server name on the web, they will then be redirected to the registered IP address. (such as Yahoo, Youtube)



4.7 Network Protocol Setting

Network Protocol			
HTTP			
HTTP Port [1 - 65535]	<input type="text" value="80"/>		
Sync With NVR	<input checked="" type="checkbox"/>		
ONVIF Discoverable	<input checked="" type="checkbox"/>		
RTSP			
RTSP Port [1 - 65535]	<input type="text" value="554"/>		
Video Packet Size [1400 - 8192]	<input type="text" value="8192"/>		
FTP			
FTP Server	<input type="text"/>	Port	<input type="text" value="21"/>
User Name	<input type="text"/>		
Password	<input type="password" value="....."/>	Confirm Password	<input type="password" value="....."/>
File Upload	<input type="text" value="default_folder"/>		
Upload Interval [0=Disable, 10 - 3600 sec]	<input type="text" value="0"/>		
SMTP			
SMTP Server	<input type="text"/>	Port	<input type="text" value="25"/>
User Name	<input type="text"/>		
Password	<input type="password" value="....."/>	Confirm Password	<input type="password" value="....."/>
Server Require Authentication	<input type="checkbox"/>		
Email Sender	<input type="text"/>	Email Receiver	<input type="text"/>
<input type="button" value="Accept"/> <input type="button" value="Reset"/> <input type="button" value="Default"/>			

1. HTTP Setting: HTTP setting adjust port number corresponding to IPC (video streaming), this allows user to use multiple IPC under the same IP address. Syncing with NVR allows user to accept command from NVR. ONVIF setting allow IPC communications under ONVIF standard.
2. RTSP Setting: This allow user to manually change RTSP port number and video stream packet size. Our default RTSP port is 554 under ONVIF protocol.
3. FTP Setting: File Transfer Protocol is a server-client structured protocol for backup video file on server automatically. A FTP server must be established or enabled prior to streaming (upload) video on to FTP server.
4. SMTP Setting: Simple Mail Transfer Protocol is a standard for web based email transfer. With effective settings, IPC can send alarm triggered push mail or video clip directly to a designated email address for notification purposes.

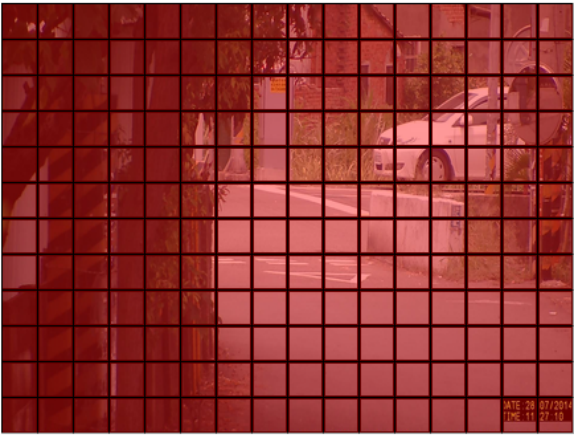


4.8 Alarm Setting

Alarm

Enable Alarm	<input checked="" type="checkbox"/>		
Alarm Duration	30 second ▼		
Motion Detection	<input checked="" type="checkbox"/>		
Face Detection	OFF ▼		
Ethernet Lost	<input type="checkbox"/>		
Audio Alarm	<input type="checkbox"/>		
External Triggers	<input type="checkbox"/>		
Input	OFF ▼		
Input	OFF ▼		
Output	OFF ▼	Trigger Voltage	Low ▼
Output	OFF ▼	Trigger Voltage	Low ▼
Upload Via FTP	<input type="checkbox"/>		
Upload Via SMTP	<input type="checkbox"/>		
Save Into SD	<input type="checkbox"/>		

Motion Detection



DATE: 08/07/2014
TIME: 11:27:10

Select All Clear All

Sensitivity MEDIUM ▼

Customized Threshold 50

Accept Reset Default

Best resolution 1280x800 pixel FUHO 2012 © FUHO TECHNOLOGY Co., LTD All Rights Reserved

1. **Enable Alarm:** This setting allows you to enable or disable all alarm setting, you need to enable alarm prior to setting them.
2. **Alarm Duration:** When alarm is enabled and area of interest marked, use can differentiate the duration of buzz alarm depending on area of interest. This can be sync with NVR for simultaneous alarm feedbacks for effective warning notification.



3. **Motion Detection:** This allow user to enable motion triggered alarm. When this box is checked, a snapshot with selectable zones will appear below the setting. You can mark areas of interest (representing in red), the IPC will then record and send back video clip to NVR or other platform if the objects in picture changes or motion activities detected. IPC with alarm enabled will save you storage space and ease up searching for video file.
4. **Facial Detection:** This function is present in some model of IPCs. When this function is enabled, a green square will mark out face of human within certain distance serving as notification purposes.
5. **Ethernet Loss:** This function works with corresponding NVR or system, select FTP transfer and push mail in corresponding device to alert the network loss.
6. **Audio Alarm:** Various IPC models feature a build in buzzer or digital IO for external buzzer. This allows an audible alarm notification when alarm is triggered.
7. **External Trigger:** This feature is present in some IPC models. When this is enable, the user can connect digital IO to any device with digital IO (such as access control, burglar and smoke alarm, etc...). This allows a non visual motion and external device (up to 50 meter) triggered alarm.
8. **Upload via FTP:** This function works with FTP server setting (in the Network Setting menu) by uploading video clips to an assigned FTP server.
9. **Upload via SMTP:** This function works with SMTP setting (in the Network Setting menu) by uploading video or message to email address
10. **Save into SD card:** In models with SD card slot, user can store video clip of alarm triggered, external or motion, event on to SD card. This allow user to backup footage locally and automatically, the user can also view these footages via IE browser.
11. **Sensitivity and Threshold:** This setting refers to motion detection area. Sensitivity measures the overall variances within subsequent frames, the threshold measures the degree of light variances within subsequent frames. Use these setting comparatively to achieve a desirable outcome.



4.9 Record

Record

#	Enable	Schedule	From	To
1	<input type="checkbox"/>	Everyday ▼	0 ▼ : 0 ▼	0 ▼ : 0 ▼
2	<input type="checkbox"/>	Everyday ▼	0 ▼ : 0 ▼	0 ▼ : 0 ▼
3	<input type="checkbox"/>	Everyday ▼	0 ▼ : 0 ▼	0 ▼ : 0 ▼
4	<input type="checkbox"/>	Everyday ▼	0 ▼ : 0 ▼	0 ▼ : 0 ▼
5	<input type="checkbox"/>	Everyday ▼	0 ▼ : 0 ▼	0 ▼ : 0 ▼
6	<input type="checkbox"/>	Everyday ▼	0 ▼ : 0 ▼	0 ▼ : 0 ▼
7	<input type="checkbox"/>	Everyday ▼	0 ▼ : 0 ▼	0 ▼ : 0 ▼
8	<input type="checkbox"/>	Everyday ▼	0 ▼ : 0 ▼	0 ▼ : 0 ▼

1. **Schedule Record:** This function is available in models with SD slot. A total of 8 schedule profiles can be set to loop record video clip to SD card on specific day and time. Each video clip is store in 15 minutes length or 600 MB size in AVI format.

5. 【MAINTENANCE】

5.1 User Account

User Account

Admin User Name	<input type="text" value="admin"/>		
Admin Password	<input type="password" value="*****"/>	Confirm Password	<input type="password" value="*****"/>
Operator User Name	<input type="text" value="user"/>		
Operator Password	<input type="password" value="*****"/>	Confirm Password	<input type="password" value="*****"/>
Viewer User Name	<input type="text" value="viewer"/>		
Viewer Password	<input type="password" value="*****"/>	Confirm Password	<input type="password" value="*****"/>

1. User Account: User account is separated into 3 categories with variant degree of authority. Admin being the highest authorized user with access to all setting and operation in IE browser, the second is operator with only “user account setting” unavailable. The lowest is viewer with authority only to live view.

5.2 SD Card

SD Card

Filelist of Memory Card

Filename	Date	Time	Size	Delete
0 file and 3636 KBytes free				

1. SD Card: If SD card is present in SD card slot, the user can view or delete the recorded footage here. The user can also backup recorded footage on to other device or platform.

5.3 Profile Setting

Profile

Backup Configurations

Configuration File

Restore Configurations

Upload Configuration File 未選擇檔案

Restore Default Configurations

Keep Network Settings

Profile.bin File

1. Backup Configurations: This function allow user to export their preferred IPC setting profile into “profile.bin” file format. You can use the backup profile to restore IPC or configure multiple IPCs with the same setting quickly. Configuration files can also used to troubleshoot by creating identical setting under different controlled environments.
2. Restore Configurations: This function allow user to restore their profile setting after firmware update. Restore custom or default configurations can help users to avoid potential IPC setting conflicts.

5.4 Firmware update

Firmware Update

未選擇檔案

1. Firmware Update: Users can update their IPC firmware via IE browser. Please visit VACRON homepage for firmware support and version information.



5.5 Restart

Restart

Restart System Restart.

Accept

1. Restart: This function allows IPC to restart. After you set IPC to restart, please wait for 50 seconds while IPC is rebooting.

5.6 Language

語言

語系 / Language 繁體中文 / Traditional Chinese

確定 / Accept 還原 / Reset

1. Language: Our IPC has 3 languages (Traditional Chinese, Simplified Chinese and English) to choose by default. Any language can be added according to requirements.



For More Product Information
Please Visit VACRON at
<http://www.vacron.com>

Made in Taiwan
