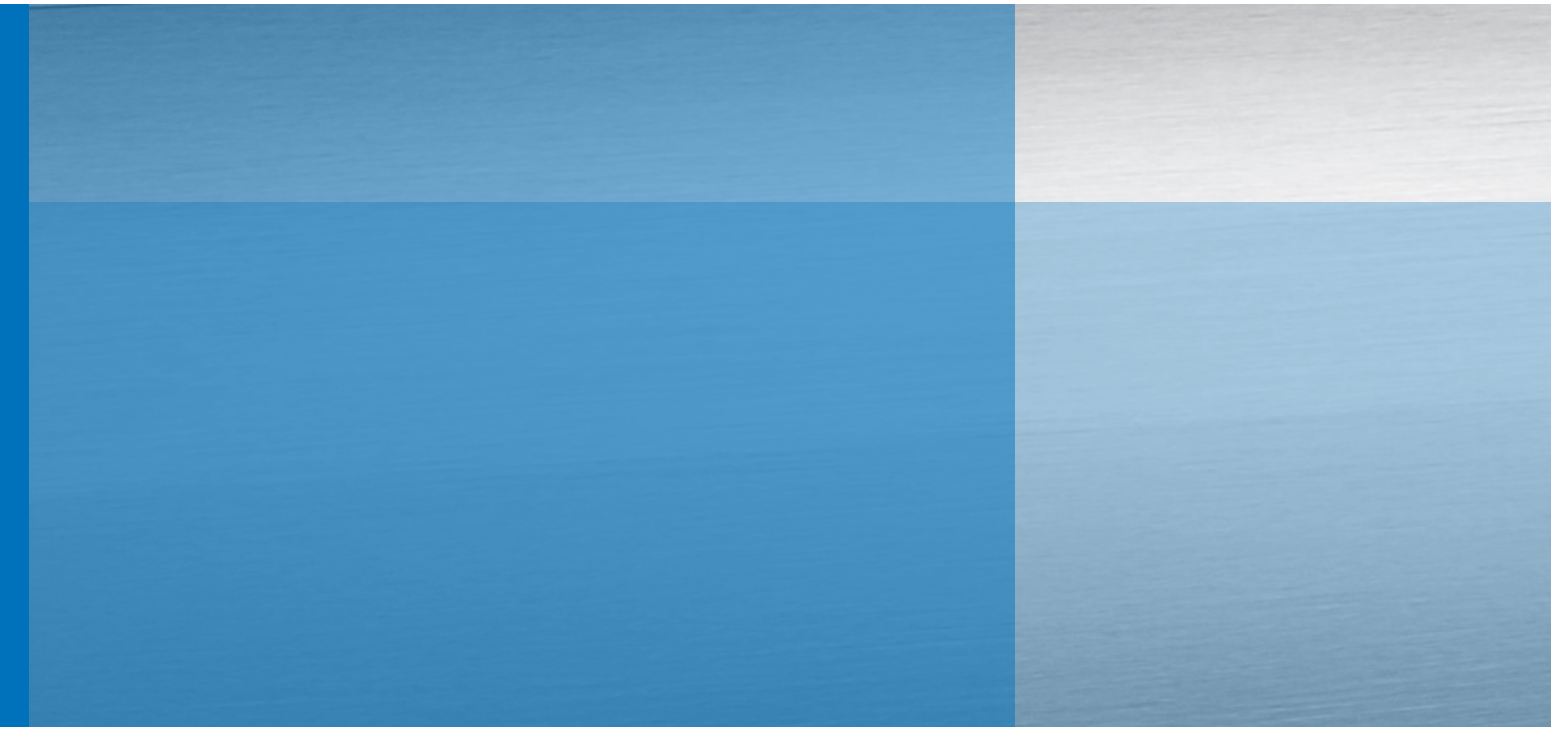
GEUTEBRÜCK



EcoBC-1110
CamDB+01/.
CamDB+02/.

Netzwerkkamera
Network Camera

Sqcp K_ls_j Uc``pmuqcp

XNET Web Browser

User's Manual

Ver. 1.1 (111020)

About this Manual

A compatibility and durability test ensures this product's high performance.

This manual is for XNET Network product users only, and it describes operations related to XNET Network products.

Please read this manual thoroughly paying attention to cautions and warnings before using the product even if you have used similar products before.

Important Notices

Damages caused by misuse and by use of parts not recommended will not be applicable for support.
Contact the store or the manufacturer immediately if (you think) there is any problem with the product.
Contact the store or the manufacturer before disassembling the product for alteration or repair.

- This product complies for CE (Europe) and FCC (USA) regulations for industrial/home-use electrical device.

Index

1 System Administration

1.1. Logging On

You can log on as an administrator using an Internet browser. (This manual will describe about using Internet browser only.)

1.1.1. Using Internet Explorer

Type the IP Address of the XNET product in the address bar and press enter.

http://192.168.123.100

If the HTTP port has been changed from the default value, enter the new port as shown below:

IP Address of the XNET: Port No.

http://192.168.123.100:8080

1.1.2. ID and Password

If you are logging in as an administrator, the Log-In box will appear as shown in figure 1-1. Basic Setup page will appear when you enter id and password.

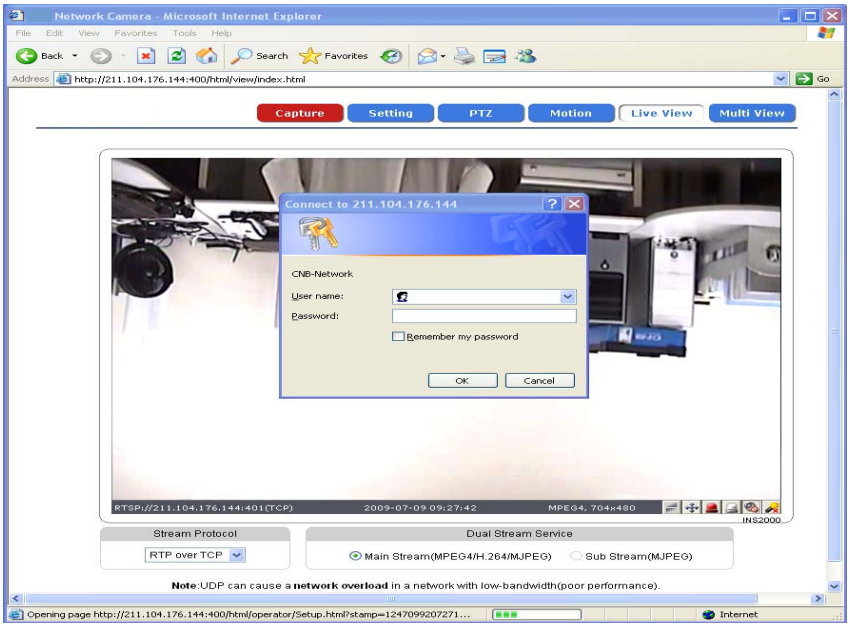


Figure 1-1 Log-in window

The default user name and password is "**root**" and "**admin**" respectively.

For security purpose, it is recommended to change the administrator's id and password from their default values. Please be careful not to forget them or expose them to others. Please refer to 「1.5」 for detail.

If you forget the administrator's password, "Factory Reset" is the only way to regain access. However, since this will retrieve all default settings, you need to configure the network settings using IP installer software again.

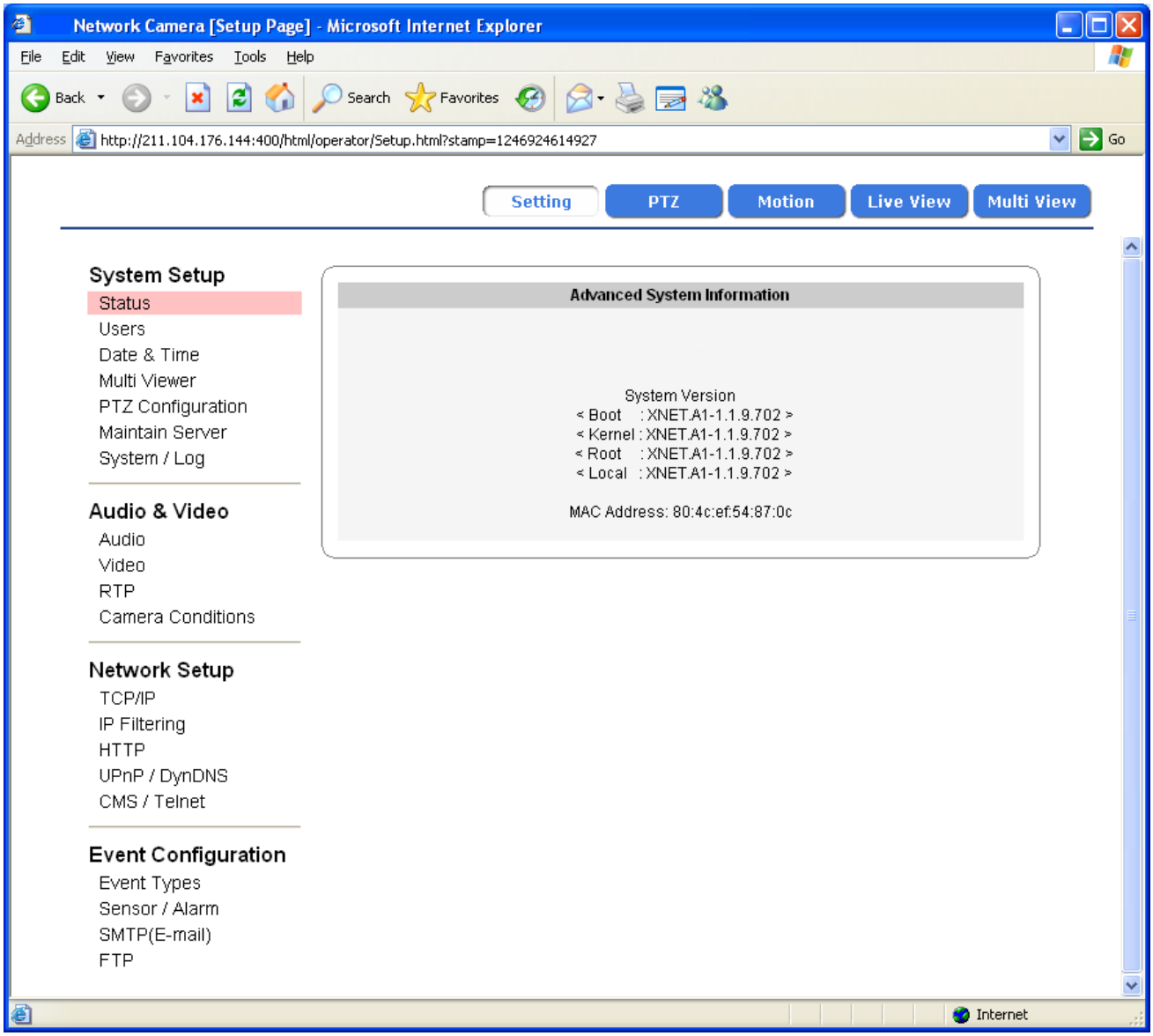


Figure 1-2 Basic Setup Page

Basic Setup Page can be accessed from Operator group level and up. If you want to access Administrator level page in this user level, you need to log in as Administrator. Please refer to the following table for access authority:

● Accessible

— Not Accessible

Function	Access		
	Administrator	Operator	Viewer
Index Page	●	●	●
Multi-Index Page	●	●	●
PTZ Page	●	●	—
Motion Page	●	●	—
Users Setup Page	●	—	—
Date & Time Setup Page	●	●	—
Multi-Viewer Setup Page	●	—	—
Maintain Server Setup Page	●	—	—
System / Log Setup Page	●	—	—
Audio Setup Page	●	●	—
Video Setup Page	●	●	—
Camera Condition Setup Page	●	●	—
TCP / IP Setup Page	●	—	—
IP Filtering Setup Page	●	—	—
SMTP Setup Page	●	—	—
FTP Setup Page	●	—	—
HTTP Setup Page	●	—	—
UPnP / DynDNS Setup Page	●	—	—
RTP Setup Page	●	—	—
CMS Setup Page	●	—	—
Event Type Setup Page	●	●	—
Sensor/Alarm Setup Page	●	●	—
PTZ Configuration Setup Page	●	●	—

1.3. Web Viewer (Index.html)

When you access an XNET product, Web Viewer page will appear automatically. Viewer area displays the video output from the camera, and menu bar contains taps that lead to each feature setting page.

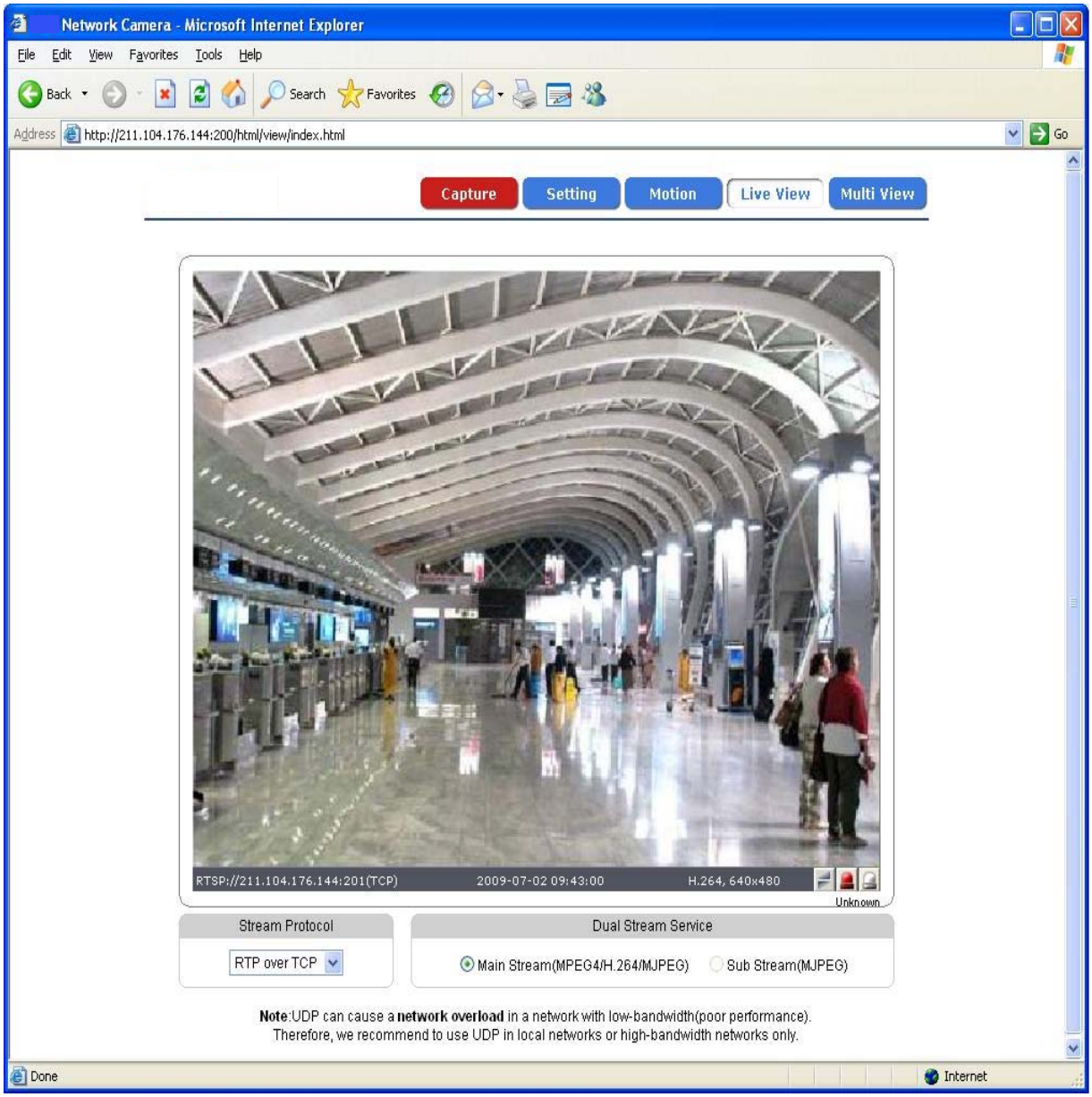


Figure 1-3 Web Viewer Page

ITEM		DESCRIPTION
Capture	-	Captures the still image and displays on a pop-up window. [Save to] c:xNetCapture
Setting	-	Opens up Basic Setup Page. Setup page for each XNET feature can be opened from this Menu screen. (Please refer to 1.4 for detail)
PTZ	-	Opens up PTZ page. This page can set up digital PTZ of the network camera and control of PTZ movement. (Please refer to 1.8 for detail) Support Model : EcoBC-1110 / EcoFD-2310 / EcoFD-2410
Motion	-	Opens up Motion Detection page. You can add or delete areas for detecting motion in this page. (Please refer to 1.27 for detail)
Live View	-	Opens up Index View page. Index View Page will display Video as well as setting up Stream Protocol (TCP / UDP) and Codec (when using Dual Stream).
Multi View	-	Opens up Multi View page. Multi View p. will display up to 4 video signals set up in EcoXX-xxxx Multi Video Player Setup Page. (Please refer to 1.7 for detail)
Stream Protocol	-	A Stream Protocol can be selected when selecting EditBox (RTP over TCP/RTP over UDP)
Dual Stream Service	Main Stream	When this box is checked, Main Stream Video is displayed. (H.264/MJPEG)
	Sub Stream	When this box is checked, Sub Stream Video is displayed. Dual-Codec needs to be enabled in Video Setup Page in order for Sub Stream Video to be displayed. (MJPEG) (Please refer to 1.12 for detail)

1.4. Status Window

Status page displays XNET System's Version and its Ethernet address.

Click [▷ **Status**] button to open the page shown in Figure 1-4.

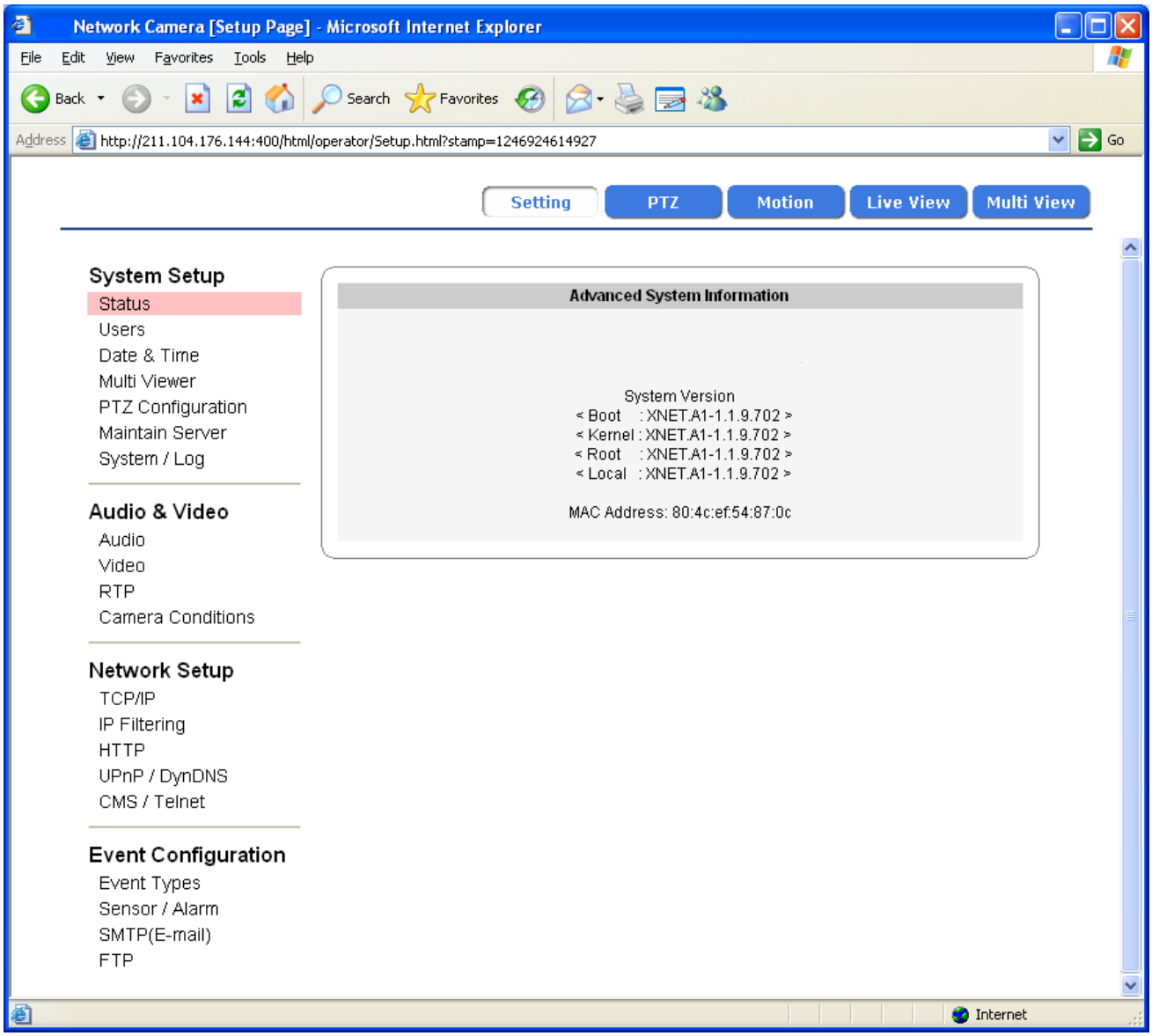


Figure 1-4 Status Page (Internet Explorer 7.0 ++)

1.5. Configuring Users

This can give or limit authority to users for controlling Video and other features of XNET system.

Click [▷ **Users**] button to open the page shown in Figure 1-5.

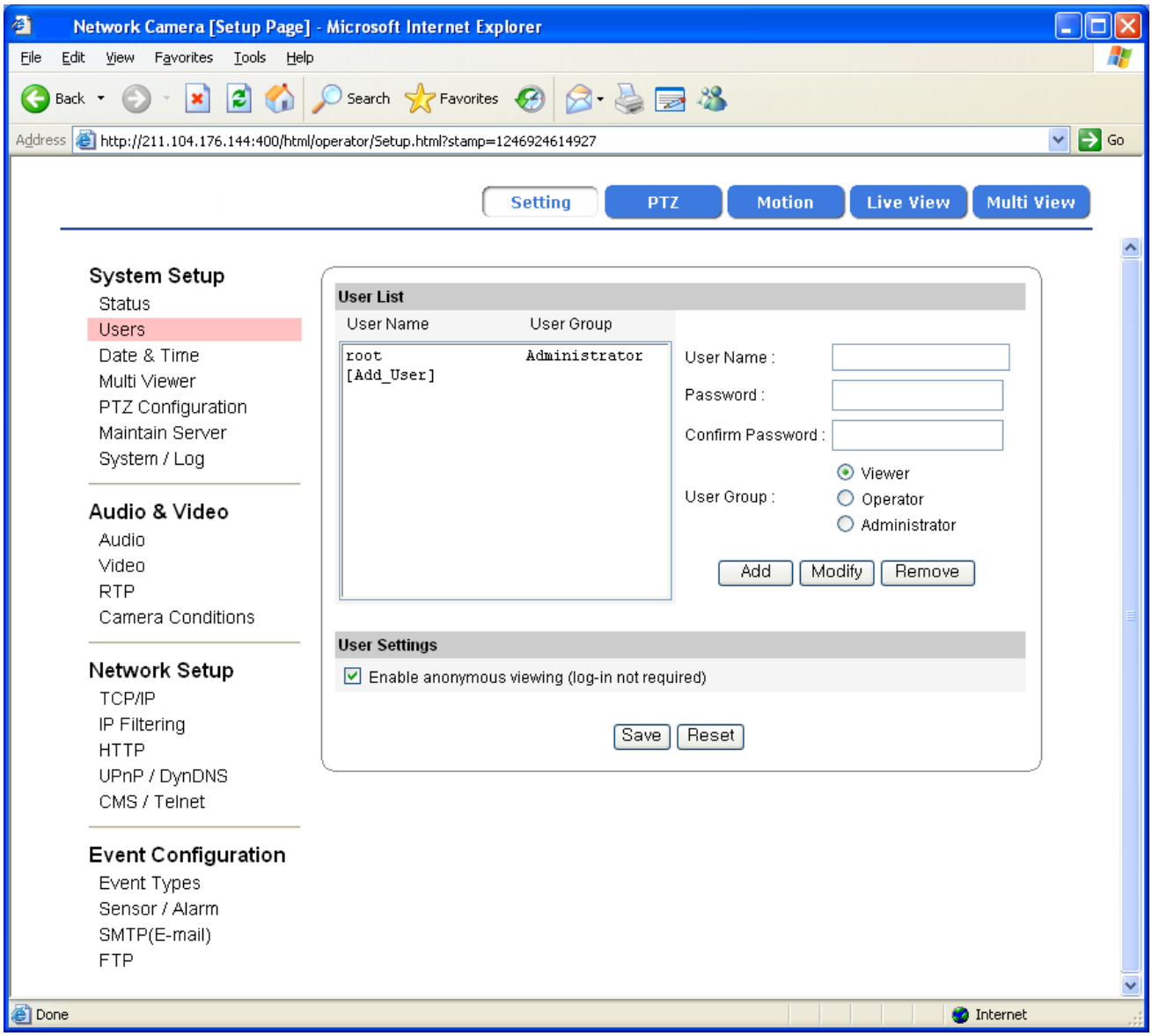


Figure 1-5 Users Configuration Page

ITEM		DESCRIPTION
User List		Displays list of registered users. "root" is the system's administrator. "root" cannot be added or deleted. Only the password for "root" can be changed.
Add	-	This adds a new user. Select "**[Add_User]**" tap in User List Box. To add a new user, enter User name, Password, and User group, then click Add button. Updated User list can be viewed in User List Box. - Up to 10 users can be added. - Authority of different User Groups **Administrator**: Full control of the XNET system. **Operator**: Control over Viewer, Audio & Video Setup, and Event Configuration. **Viewer**: view camera's video signal only.
Modify	-	Modifies information for each user. Select a user in User Listbox, enter new Password/User Group, and click modify button to save the changes. Updated detail can be viewed in User List Box.
Remove	-	Removes a user. Select a user in User Listbox and click remove button to remove. Updated user list can be viewed in User List Box.
User Settings	Enable anonymous viewer login	Turns anonymous viewer mode on or off. When enabled, Web Viewer can be accessed without a log-in prompt.
Save	-	Applies and saves the configurations.
Reset	-	Recalls previously saved configurations.

1.6. Setting Date &Time

This page will change Date and Time of XNET system.

Click [▷ **Date & Time**] to open the page shown in Figure 1-6.

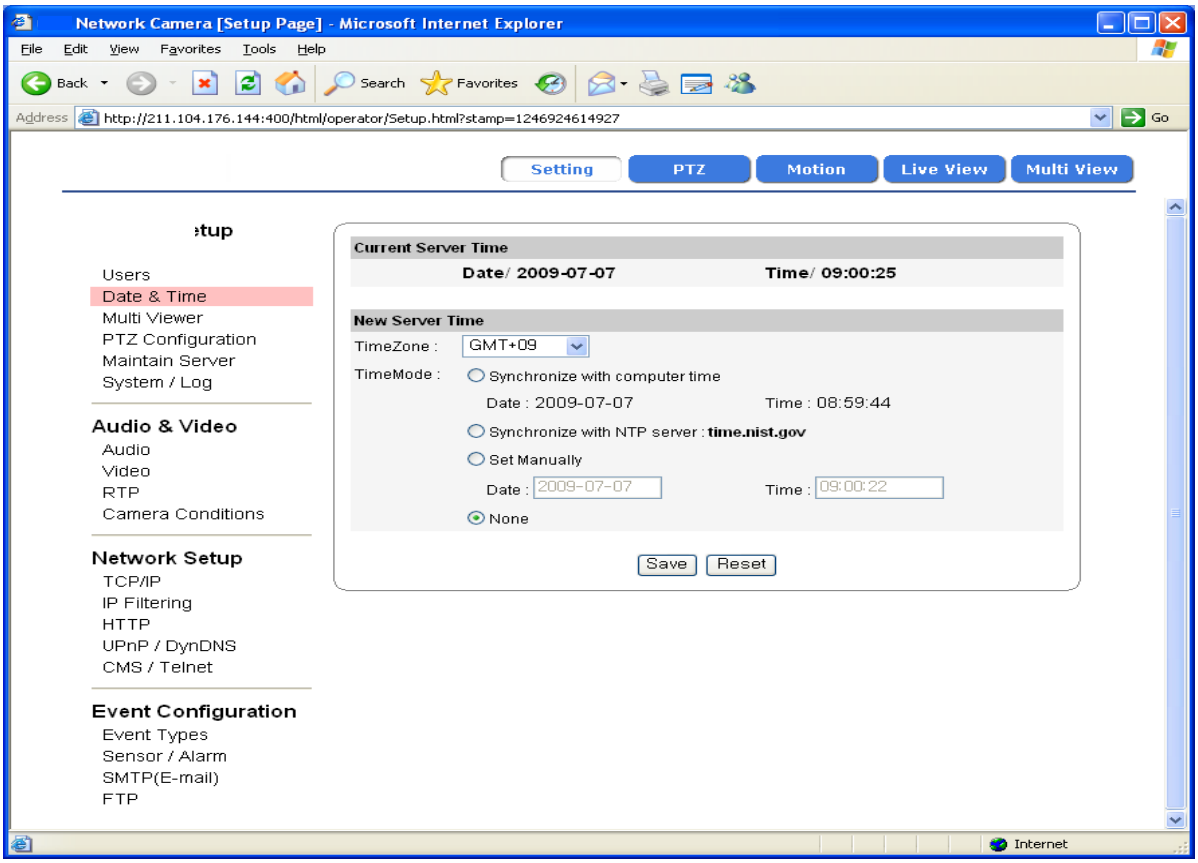


Figure 1-6 Date and Time Page

ITEM		DESCRIPTION
Current Server Time	-	Displays time of XNET system.
New Server Time	Time Zone	Selects Time Zone. <Default : GMT+09>
	Enable Daylight Time	Enables/Disables daylight saving time.
	Time Mode	Sets Date and Time of the Server. <Default : None> **[Synchronize with computer time]** - Synchronizes time and date of Client PC to Server. **[Synchronize with NTP server]** - Synchronizes server's time and date to NTP Server. (Enter NTP Server address in Network Setup Page) **[Set Manually]** - Set date and time of Server manually.
Save	-	Applies and saves the configurations
Reset	-	Recalls previously saved configurations.

1.7. Configuring Multi-Viewer

Up to 3 cameras connected to XNET's network can be displayed as sub-cameras simultaneously in Multi-View page.

Click [▷ **Multi Viewer**] to open the page shown in Figure 1-7.

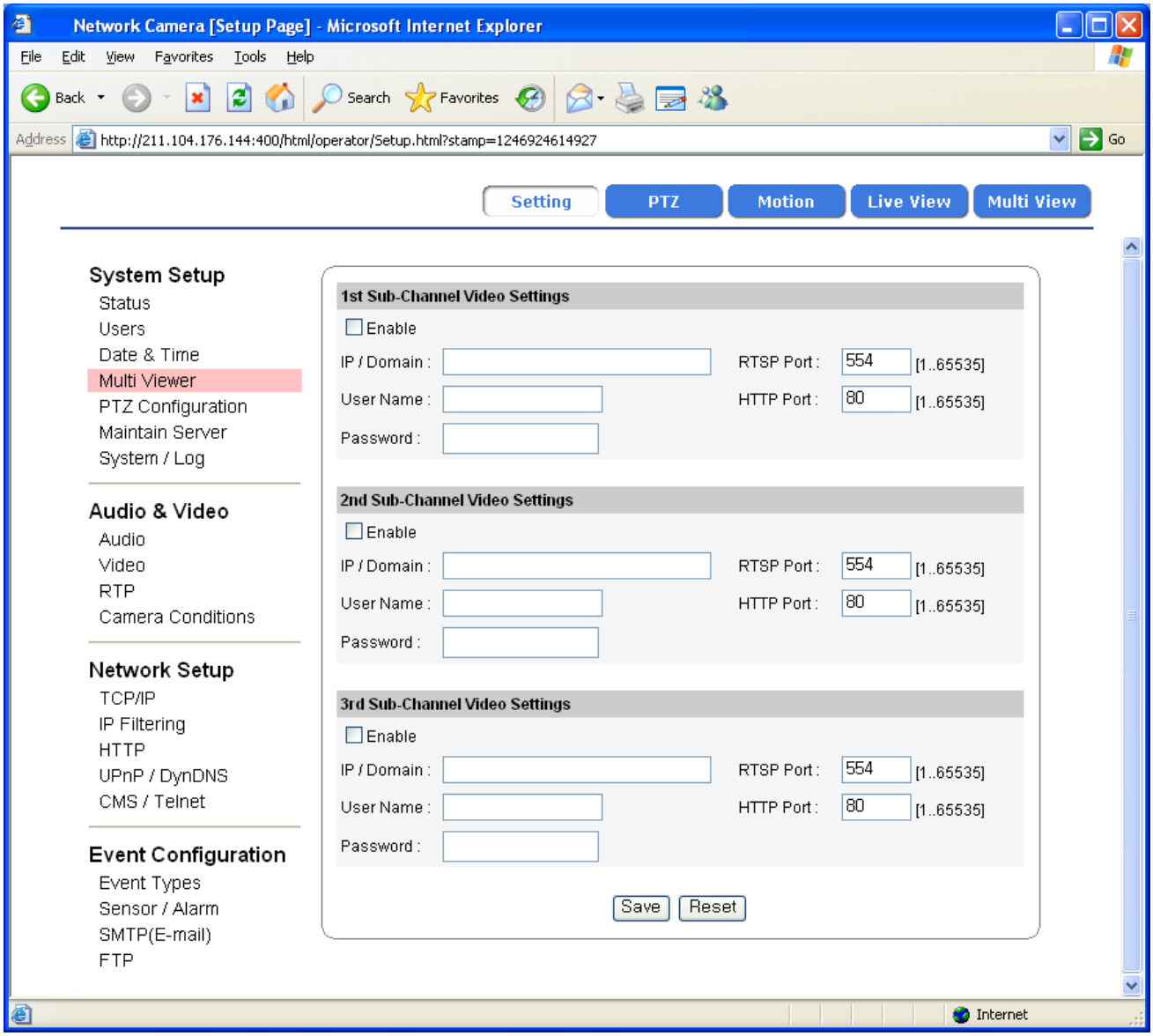


Figure 1-7 Multi-Viewer Configuration Page

ITEM		DESCRIPTION
1st Sub-Channel Video Settings	Enable 1st Sub Channel Video	Enables viewing of 1st sub Channel Video from the IP address entered. This can only be enabled when IP Address, User Name, and Password is properly entered. <Default : Disable>
	1st IP Address	Enter 1st Channel's IP Address
	1st User name	Enter 1st Channel's User name
	1st Password	Enter 1st Channel's Password.
2nd Sub-Channel Video Settings	Enable 2nd Sub Channel Video	Enables viewing of 2nd sub Channel Video from the IP address entered. This can only be enabled when IP Address, User Name, and Password is properly entered. <Default : Disable> <Default : Disable>
	2nd IP Address	Enter 2nd Channel's IP Address
	2nd User name	Enter 2nd Channel's User Name
	2nd Password	Enter 2nd Channel's Password
3rd Sub-Channel Video Settings	Enable 3rd Sub Channel Video	Enables viewing of 3rd sub Channel Video from the IP address entered. This can only be enabled when IP Address, User Name, and Password is properly entered. <Default : Disable> <Default : Disable>
	3rd IP Address	Enter 3rd Channel's IP Address
	3rd User name	Enter 3rd Channel's User Name
	3rd Password	Enter 3rd Channel's Password
Save	-	Applies and saves the configurations.
Reset	-	Recalls previously saved configurations.

1.8. Configuring PTZ (EcoBC-1110, EcoFD-2310, EcoFD-2410)

This configures XNET's PTZ server information,

Click [▷ **PTZ Configuration**] to open the page shown in Figure 1-8.

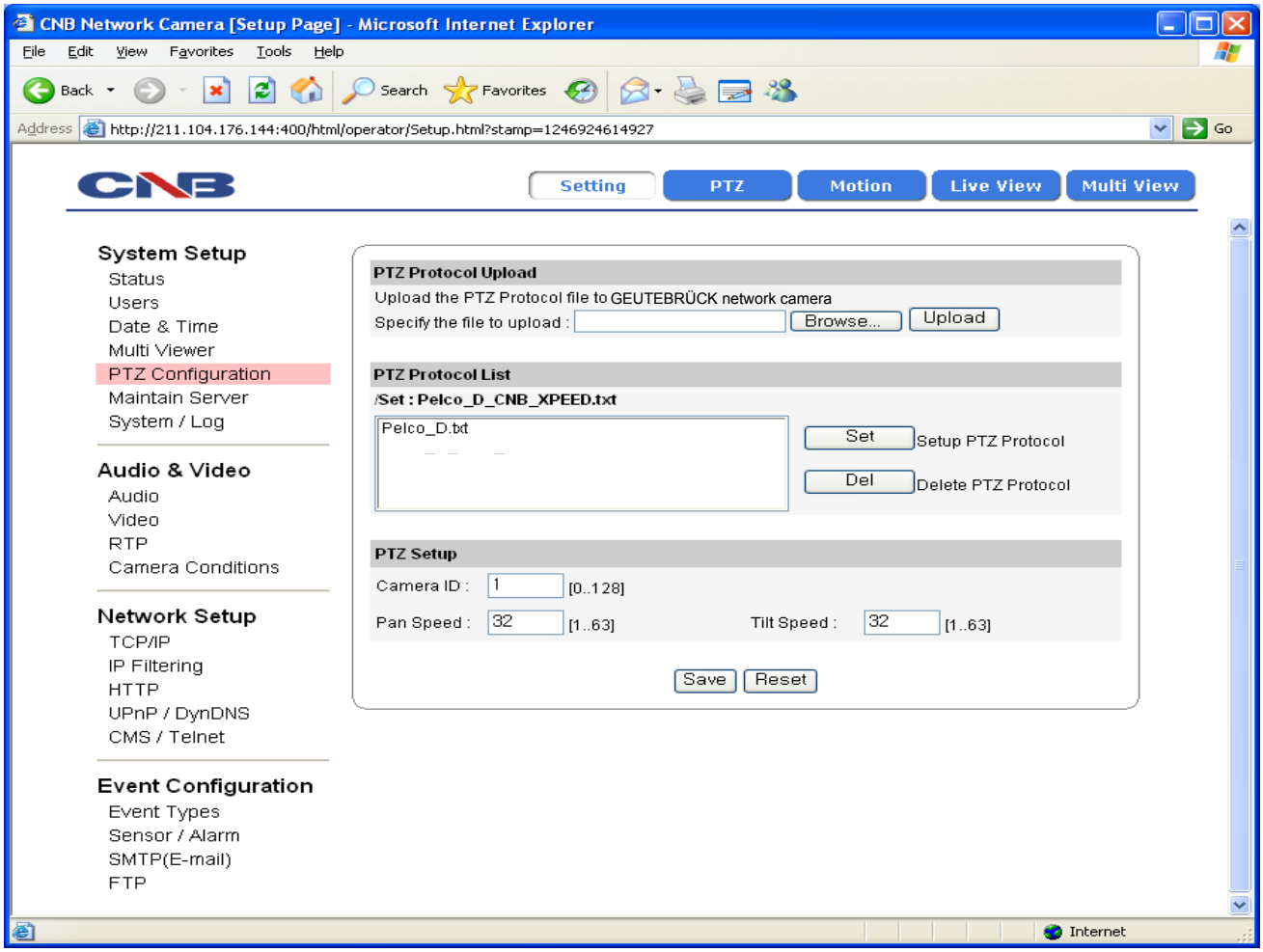


Figure 1-8 PTZ Configuration page

ITEM		DESCRIPTION
PTZ Protocol Upload	-	Uploads a Protocol to be used by the PTZ. The uploaded file can be viewed in PTZ Protocol List.
PTZ Protocol List	Set	Configures PTZ Protocol. Select Protocol File from PTZ Protocol List and click Set button to activate the protocol.
	Del	Deletes PTZ Protocol File. Select Protocol File from PTZ Protocol List and click Del button to delete the selected protocol.
PTZ Setup	Camera ID	Establishes Camera ID of the PTZ.
	Pan Speed	Establishes Pan Speed of the PTZ.
	Tilt Speed	Establishes tilt speed of the PTZ.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.9. Maintaining Server Configurations

This page configures system parameters such as system restart, factory default settings, system upgrade, saving configurations, saving images, and other additional features.

Click [▷ **Maintain Server**] to open the page shown in Figure 1-9.

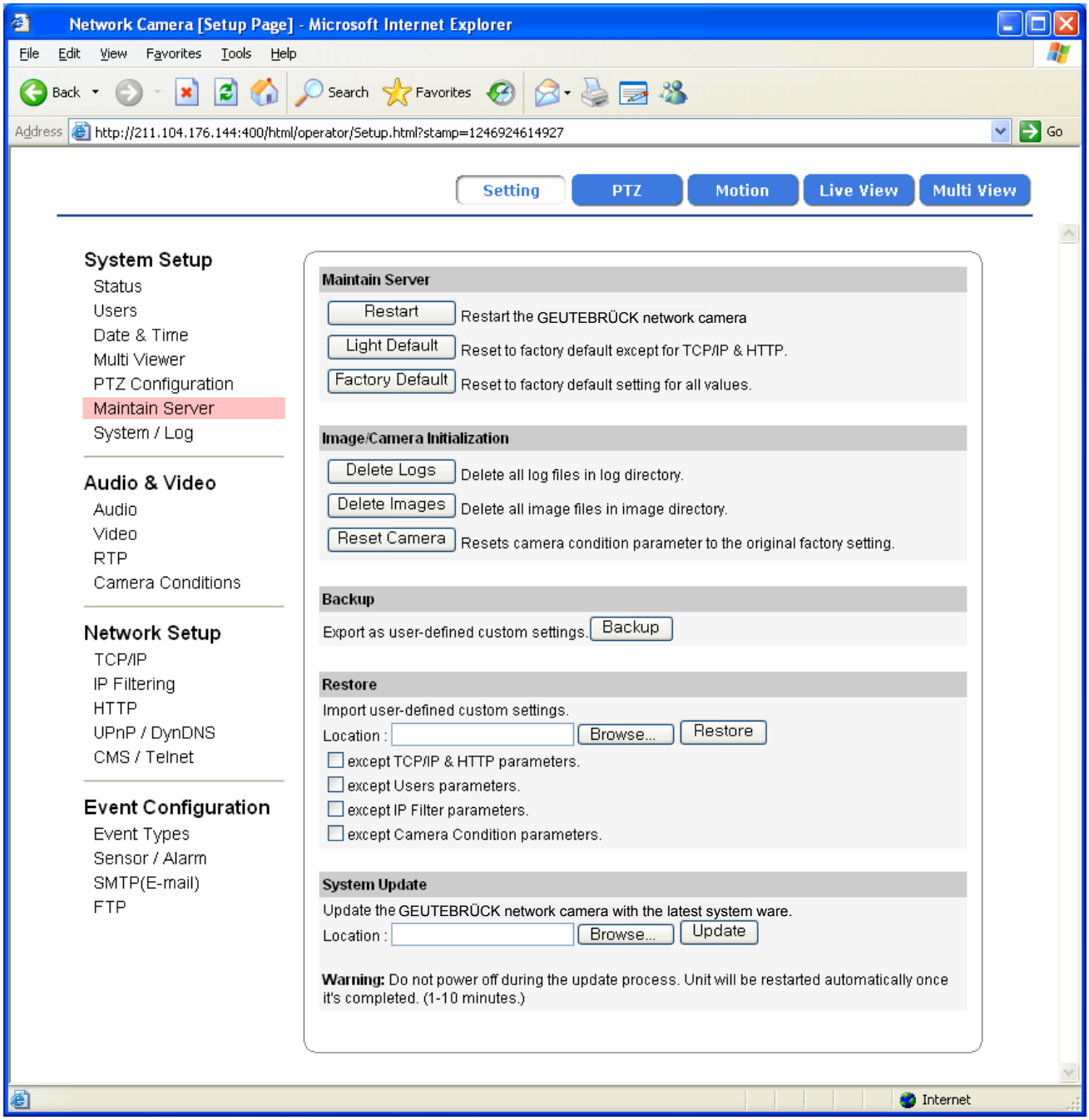


Figure 1-9 Server Maintenance Page

ITEM		DESCRIPTION
Maintain Server	Restart	Restarts the system. It takes about 45 seconds.
	Restore	Resets all parameters except for TCP/IP settings. This restore will be followed by a 45 seconds system reset.
	Default	Resets all parameters to Facory Default setting. This will be followed by a 45 seconds system restart.
Image/Camera Initialization	Reset Log	Deletes all Log Messages.
	Reset Image	Deletes all Alarm Images from the internal Flash Memory.
	Reset Camera	Initializes the Camera's Condition parameters.
System Upgrade	Upgrade	Use this to upgrade the system. Select location of Upgrade file in Client PC and click Upgrade button. This will be followed by one-minute system restart. Note! Please do not disconnect power and LAN cable from the XNET while the upgrade is in process. It might cause a system error. Upgrade File download > **http://www.geutebrueck.com**
BackUp	Backup	This saves current configurations in Client PC. Back up file can be restored to other XNET cameras. This will be followed by a 45 seconds system reset.
Restore	Restore	This loads up settings from a saved backup file. Click restore button after selecting backup files in Client PC. Optional check boxes can be used to select settings to be excluded from the restore process. - except TCP/IP box: Exlcude TCP/IP settings. - except Users box: Exclude Users settings. - except IP Filter box: Exclude IP Filter settings. - except Camera Condition box : Exclude Camera Condition settings. This will be followed by a one-minute system reset.
Save Image	Save Image	Saves alarm images in the Internal Memory to Client PC. Click **SaveImage** button to pop up FTP Connection page. XNET's FTP server can be accessed by logging in as "root" with its password.

1.10. Generating Log Report

Log report contains detailed information about XNET's image, setup, and error.

Click [▷ **Log Report**] button to open the page shown in Figure 1-10.

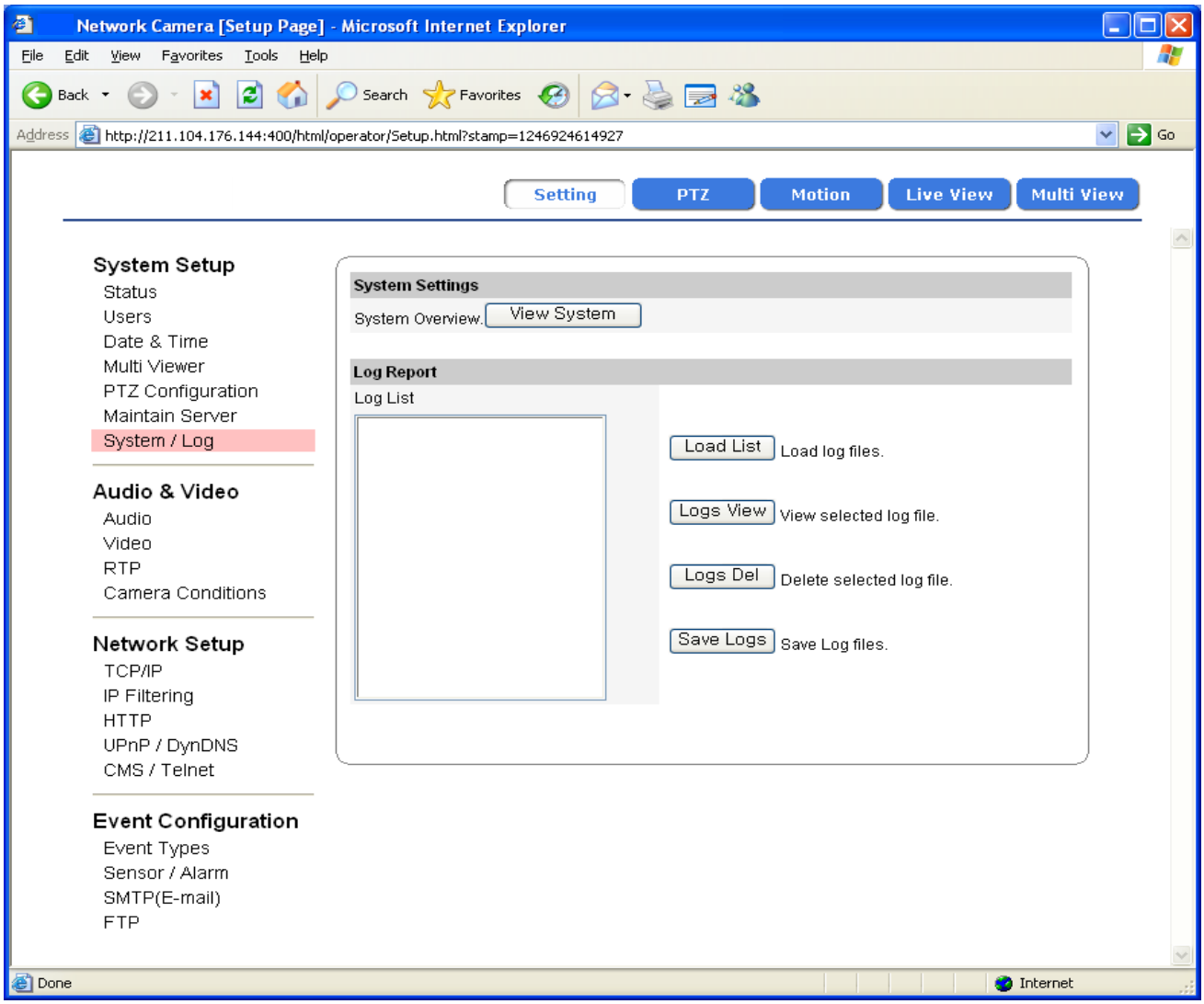


Figure 1-10 Log Report Page

ITEM		DESCRIPTION
System Settings	System Overview	Displays current configurations for XNet option pages.
Log Report	Load List	Loads up Log Message file stored in the xNet product. Log Message file can be sorted with date and index. **Click Load List** button to view message list in the Listbox.
	Logs View	Select a file from the Log List and click Logs view button to view.
	Logs Del	Select a file from the Log List and click Delete button to delete.
	Save Logs	Select a file from the Log List and click Save Logs button to save the file to PC.

1.11. Configuring Audio

Xnet's Audio features can be configured in this page.

Click [▷ **Audio**] button to open the page shown in Figure 1-11.

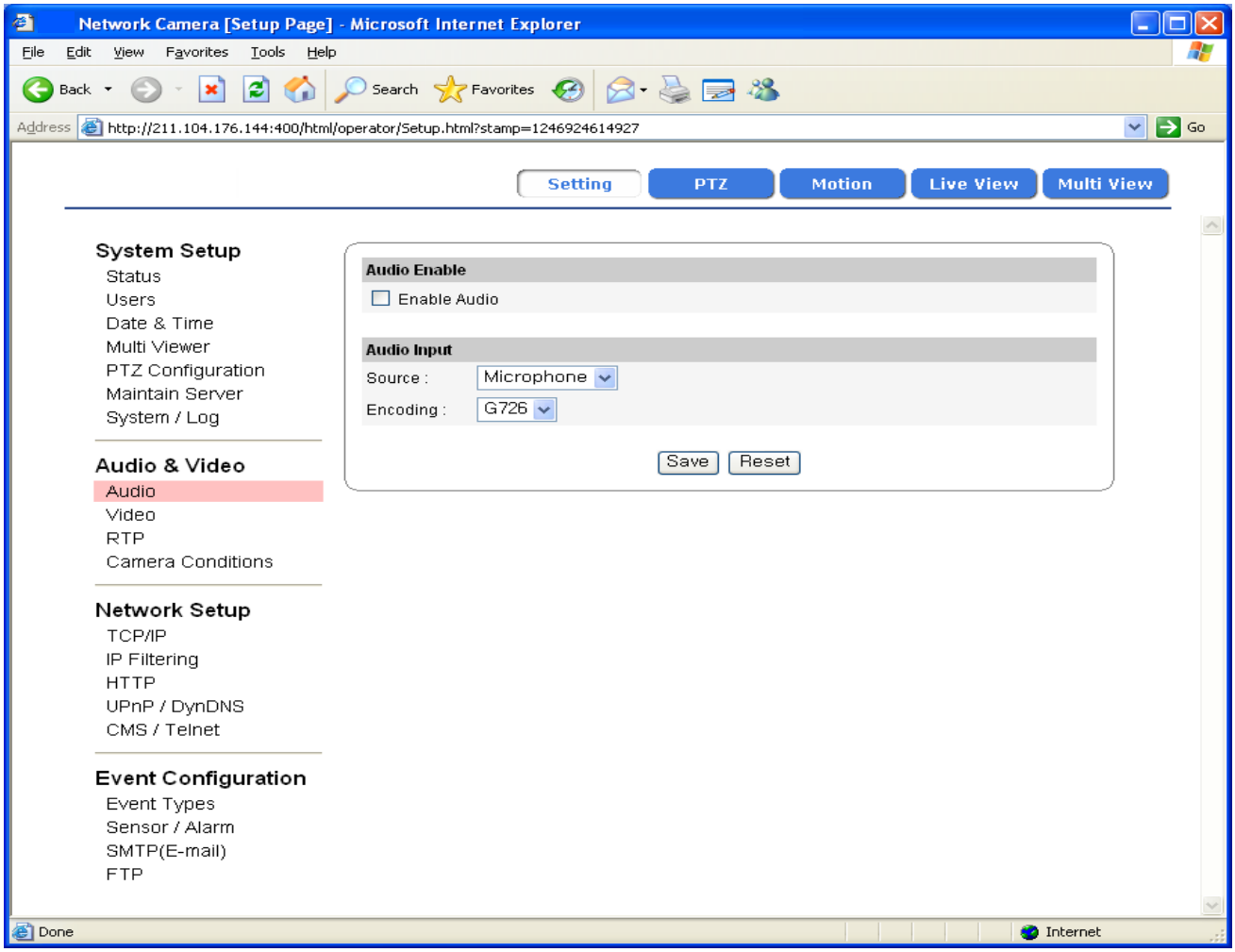


Figure 1-11 Audio configuration Page

ITEM		DESCRIPTION
Audio Enable	Enable audio	Enables or Disables Audio feature <Default: Disable>
Audio Input	Source	Select audio input source between microphone and line. <Default: microphone> Microphone input can be used when users send their voice over XNET system. Line input takes the input from an audio device to send over XNET. Audio sent to XNET can be played at a Client's PC or an audio device.
	Encoding	Selects audio input encoding method. <Default: G726> G726 and PCM can be selected.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.12. Configuring Video

XNET's Video features can be configured in this page.

Click [▷ **Video**] button to open the page shown in Figure 1-12.

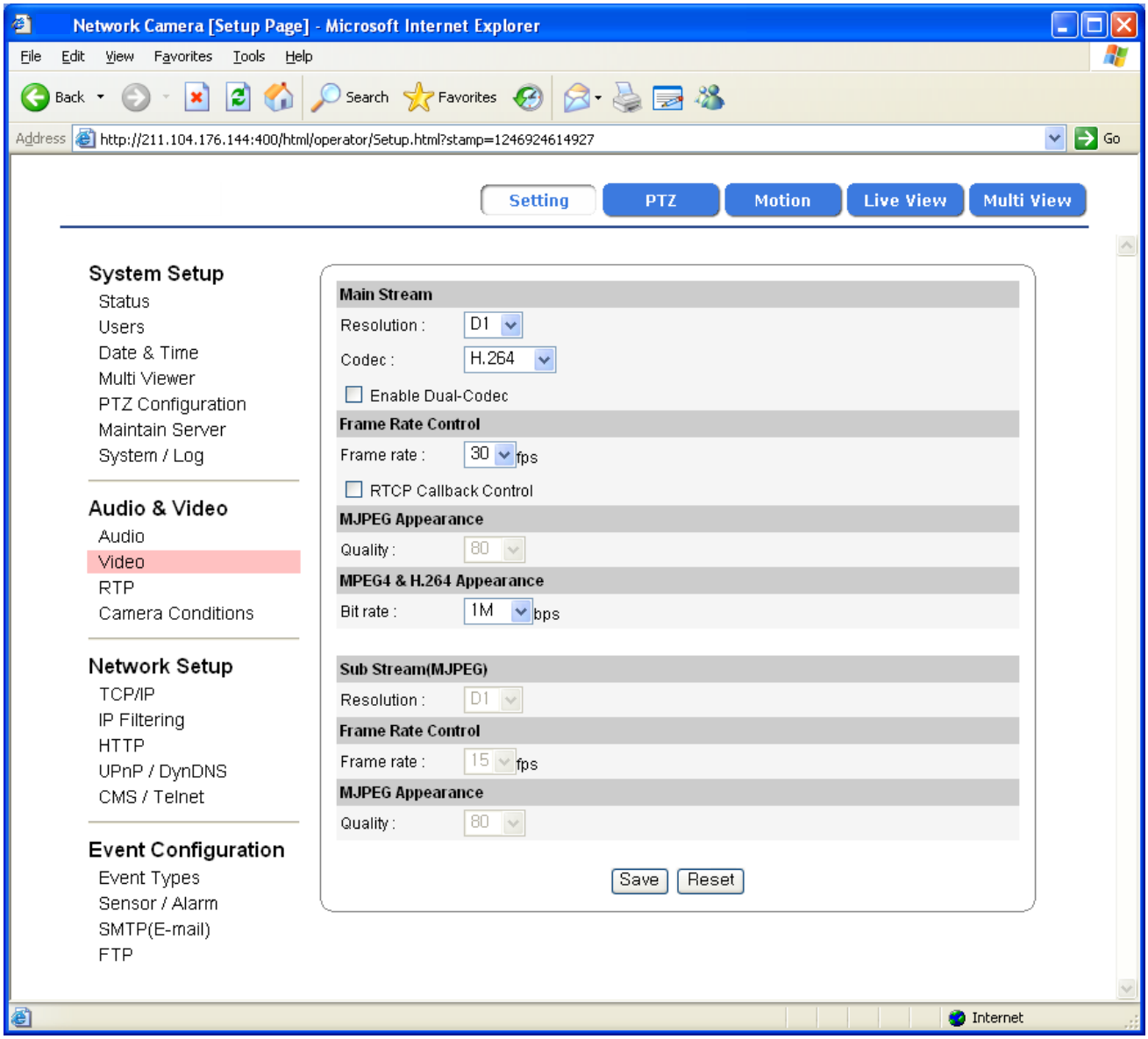


Figure 1-12 Video Configuration Page

ITEM		DESCRIPTION
Main Stream	Resolution	Selects a resolution of the video image. Selectable resolutions differ by models like the following: EcoBC-1110: CIF | VGA | XGA | SXGA <Default: VGA> EcoFD-2310: CIF | VGA <Default: VGA> EcoFD-2410: CIF | VGA | XGA | SXGA <Default: VGA>
	Codec	Selects Video Codec. XGA/SXGA selected in EcoBC-1110 /EcoFD-2410 operates as MJPEG, but other cameras can choose among MJPEG, MPEG4, and H.264.
	Enable Dual-Codec	Turns Sub Stream feature on or off. <Default: Disable> Sub Stream output is in MJPEG with maximum 15 frames per second. When configuring, select Main Stream or Sub-Stream in the Index page. "Enable Dual-Codec checkbox" is enabled when Codec is set up as MPEG4 or H.264.
Frame Rate Control	Frame rate	Selects Frame rate of Video output. EcoBC-1110/EcoFD-2410: 1~24 frames EcoFD-2310: 1~30 frames
MJPEG Appearance	Quality	Selects MJPEG's video quality between 10 and 100.
Mpeg4 & H.264 Appearance	Bit rate	Selects bit rate for MPEG4 or H.264 video signal between 128kbps and 3Mbps.
Sub Stream	Resolution	Selects resolution of sub stream video among CIF | VGA | D1.
Frame Rate Control	Frame rate	Selects Frame rate of sub stream video between 1 ans 15 frames per second.
MJPEG Appearance	Quality	Selects sub stream video quality between 10 and 100.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.13. Configuring RTP/RTSP

This is related to XNET's DDNS server information.

Click [▷ **RTP/RTSP**] to open the page shown in Figure 1-13.

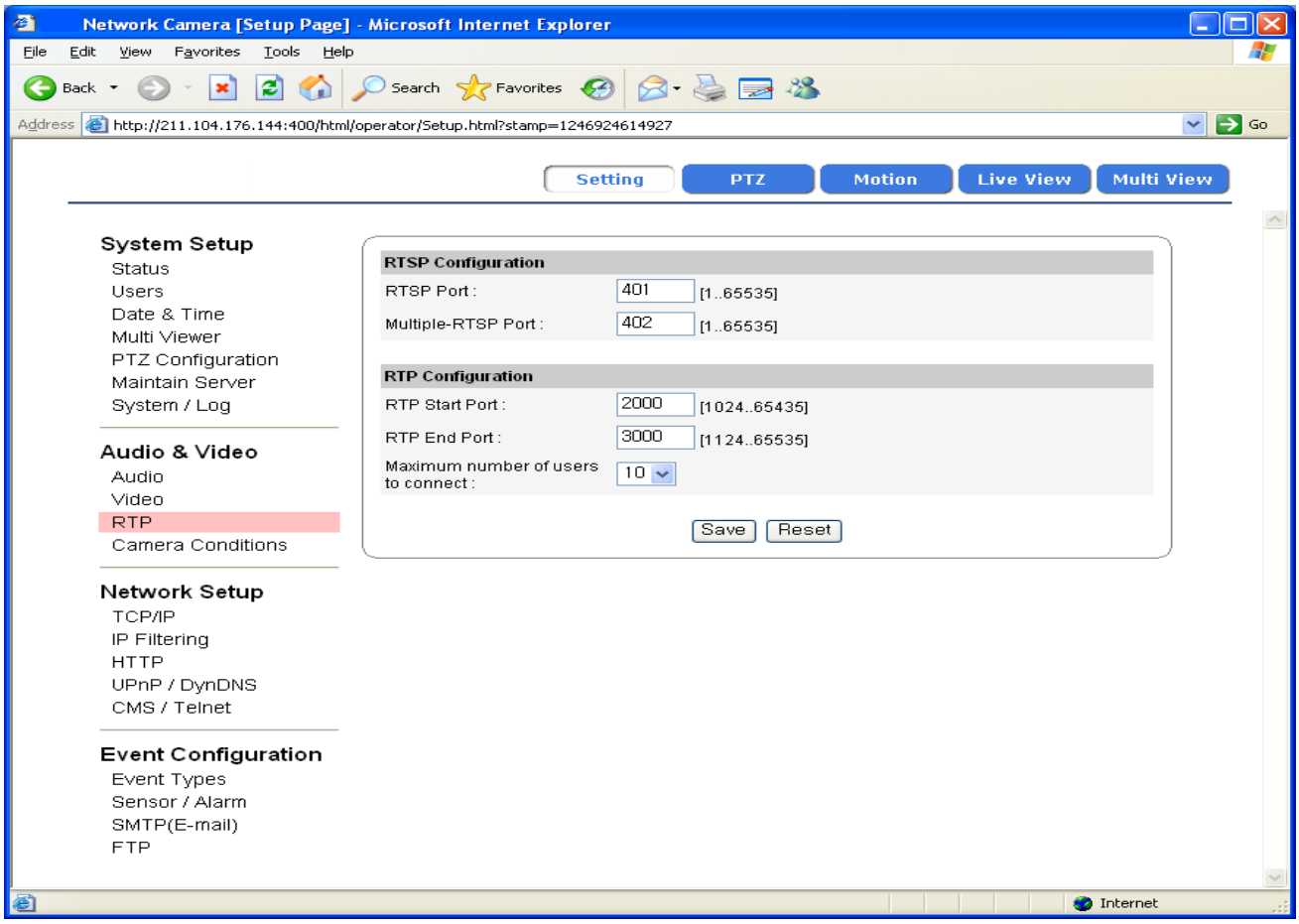


Figure 1-13 RTP/RTSP Page

ITEM		DESCRIPTION
RTSP Configuration	RTSP Port	Enter RTSP Port of the Main Stream between 1 and 65535. The default is 554.
	Multiple-RTSP Port	Enter RTSP Port of the Sub Stream between 1 and 65535. The default is 665.
RTP Configuration	RTP Start Port	Enter RTP Start Port between 1024 and 65534. The default is 2000.
	RTP End Port	Enter RTP End Port between 1124 and 65535. The default is 3000.
	Maximum number of connection	Enter the maximum allowable number of users connected to the stream between 1 and 10.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.14. Configuring Camera Conditions (EcoBC-1110, EcoFD-2310, EcoFD-2410)

This is related to camera features of the XNET products.

Click Reset Camera Figure button in System Setup Menu Main Server to initialize the camera during its operation.

Click [▷ **Camera Conditions**] button to open the page shown in Figure 1-15.

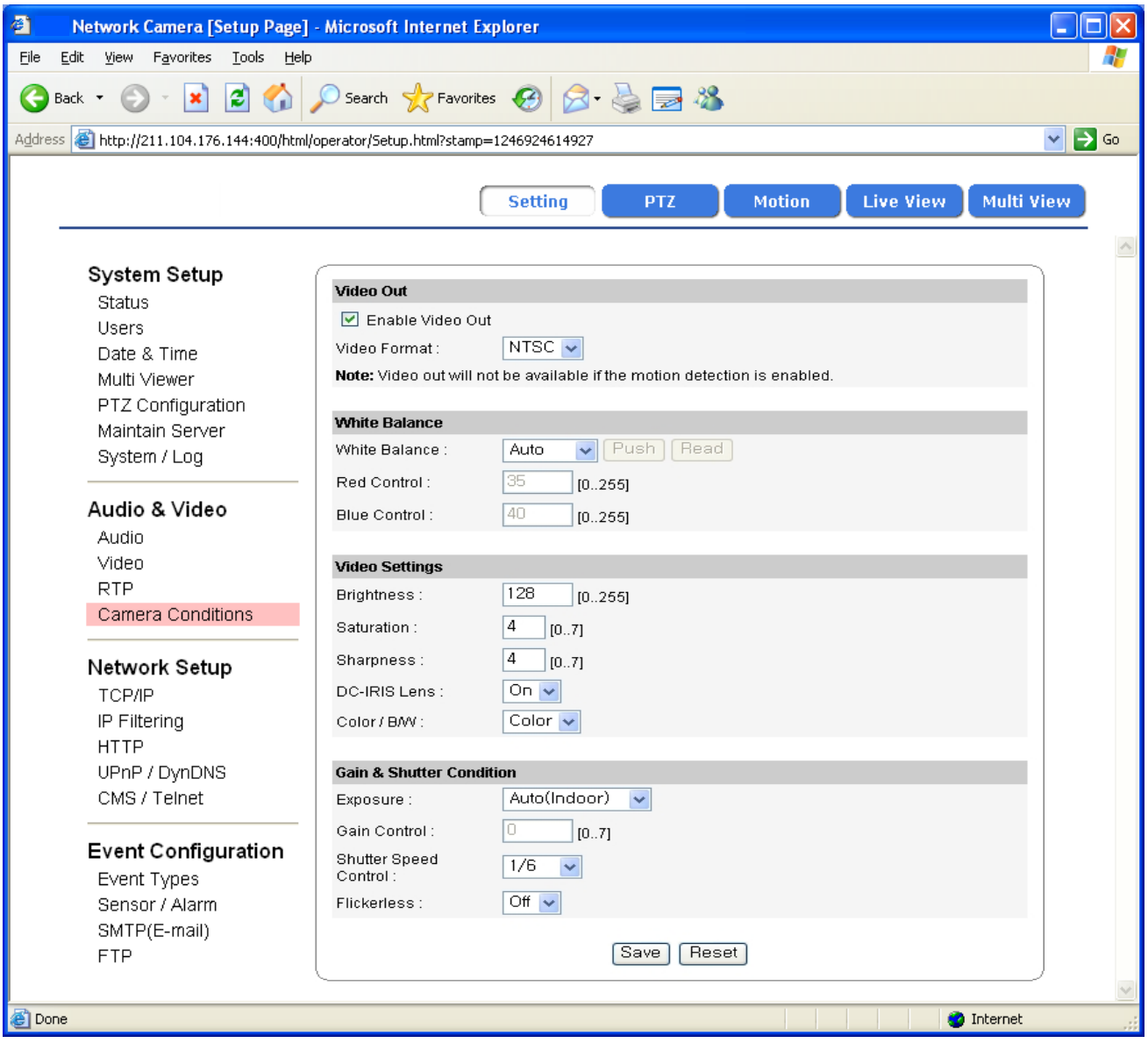


Figure 1-15-1 EcoXX-xxxx Camera Conditions Page

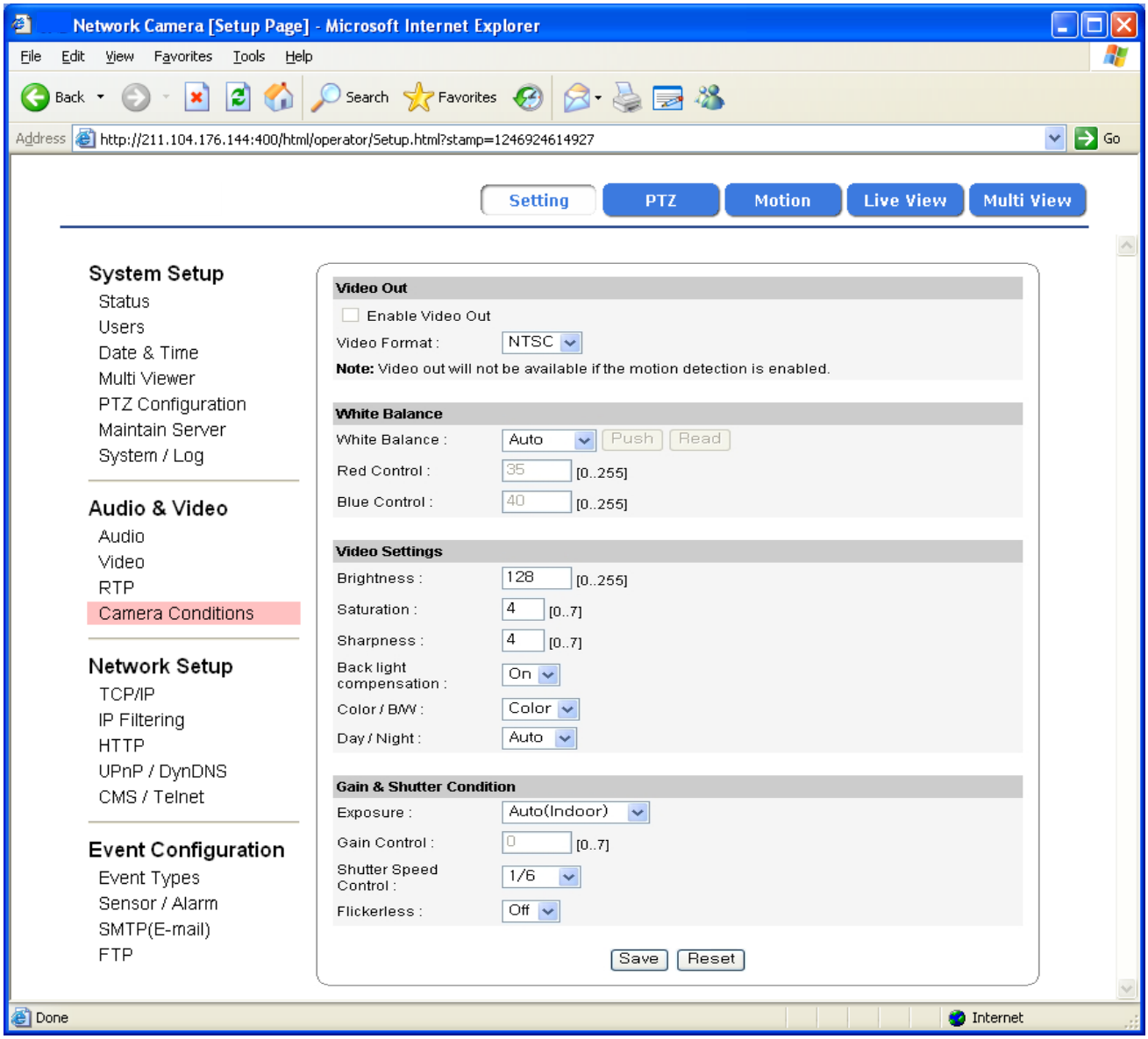


Figure 1-15-2 EcoXX-xxxx Camera Conditions Page

ITEM		DESCRIPTION
Video Output Format	Video Format	Selects Video format at Video Out terminal between NTSC and PAL. <Default: Disable>
	Enable Video Output	Turns the Video Out feature on or off. <Note: EcoBC-1110, EcoFD-xxxx outputs video in VGA level or less. >
White Balance	White Balance	Configures Video's White Balance. White Balance means balancing color temperature by adjusting Red and Blue level. Auto mode will adjust White Balance automatically, while manual mode will adjust white balance level according to manually configured Red and Blue level.

	Red Control	Selects Video's Red level between brightness of 0 and 255. This can only be enabled when White Balance is configured as Manual mode.
	Blue Control	Selects Video's Blue level between brightness of 0 and 255. This can only be enabled when White Balance is configured as Manual mode.
	Push	Push will adjust White Balance automatically in manual mode
	Read	Displays current configurations for Red and Blue level.
Video Setting	Brightness	Selects Brightness of Video between 5 and 255.
	Saturation	Selects Color Saturation of Video between 0 and 7.
	Sharpness	Selects Sharpness of Video between contrast 0 and 7.
	DC-IRIS Lens	Selects lens type for EcoBC-1110, accepts 2 types of lenses (DC-IRIS/MANUAL).
	Back Light Compensation	Turns Back Light Compensation on or off. When enabled, the images will not be saturated even when too much light comes into the lens.
	Color/Mono	Selects between Color/Mono of the Video.
	Day/Night	Selects between Auto / Day/Night for IR LED.
Gain & Shutter Condition	Exposure	Configures Exposure of Video. Exposure means to control brightness of video by adjusting Gain value. In auto mode, Exposure will automatically be adjusted to proper level according to its selected Indoor or Outdoor type. In Manual mode, Exposure will be adjusted to the gain value entered.
	Gain Control	Selects Gain level of Video between 0 – 7 only in Manual Exposure mode.
	Shutter Speed Control	Configures Camera's Shutter Speed. High Shutter Speed can capture a quick movement accurately, but video gets noisy while it tries to maintain brightness level properly. Low Shutter Speed reduces video noise, but it will not catch quick movement very well. In Manual mode, shutter speed will be configured value. In Auto mode, shutter speed will be changed automatically from highest value to configured value. In Auto mode, we recommend configuring the lowest value.
Save	-	Applies and saves the configurations.
Reset	-	Recalls previously saved configurations.

1.15. Configuring the Network (TCP/IP) parameters

This configures XNET's network related parameters.

Click [▷ **TCP/IP**] button to open the page shown in Figure 1-16.

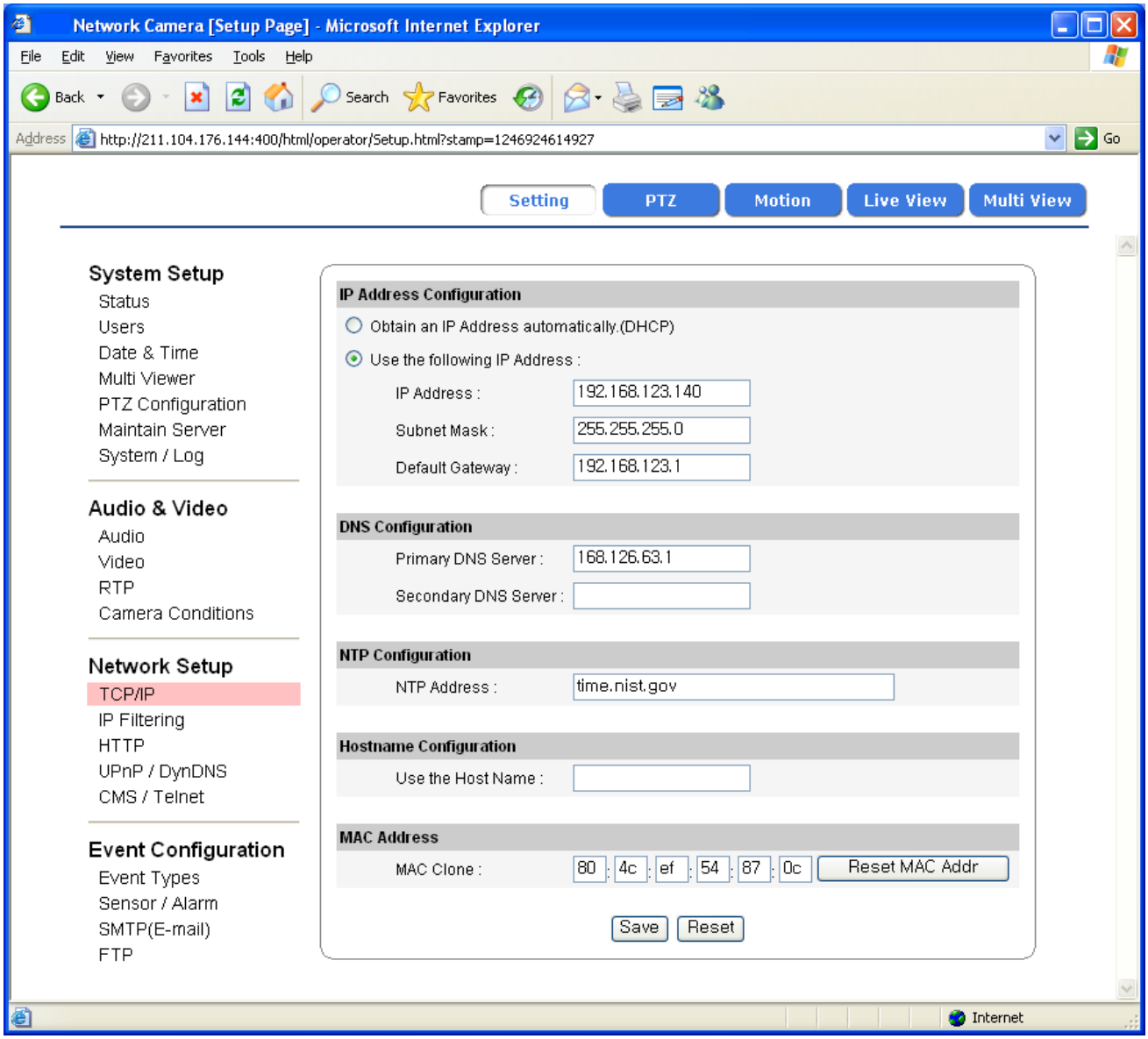


Figure 1-16 Network Setup Page

ITEM		DESCRIPTION
IPv4 Address Configuration	Enable DHCP	Turns DHCP on or off. Check DHCP checkbox to get an IP address automatically from the network using DHCP protocol. Obtained IP address can be viewed by IP Installer. Note! If the network does not use DHCP server, the product will wait for server's response for two minutes and restart with its previous IP address.
	IP address	Enter an IP address. Configure IP address after checking IP address range configuration of the router where the XNET product is connected.
	Subnet mask	Enter Subnet mask. Use this when you want to access only from the same subnet by masking out upper portion of the IP address. Use 255.255.255.255 when you want to connect from one PC only.
	Default router	Enter the address of Default router.
DNS Configuration	Domain name	Enter Domain name.
	Primary DNS Server	Enter primary DNS address.
	Secondary DNS Server	Enter secondary DNS address.
NTP Configuration	Network address	Enter address of NTP (Network Time Protocol) Server. NTP server is used when "Synchronize to NTP Server" is selected in Date & Time page.
Host name Configuration	User Host name	Enter Host name
Ethernet Address	Ethernet address	Enter Ethernet address.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.16. Configuring IP Filtering

This configures IP Filters for XNET product.

Click [▷ **IP Filtering**] button to open the page shown in Figure 1-17.

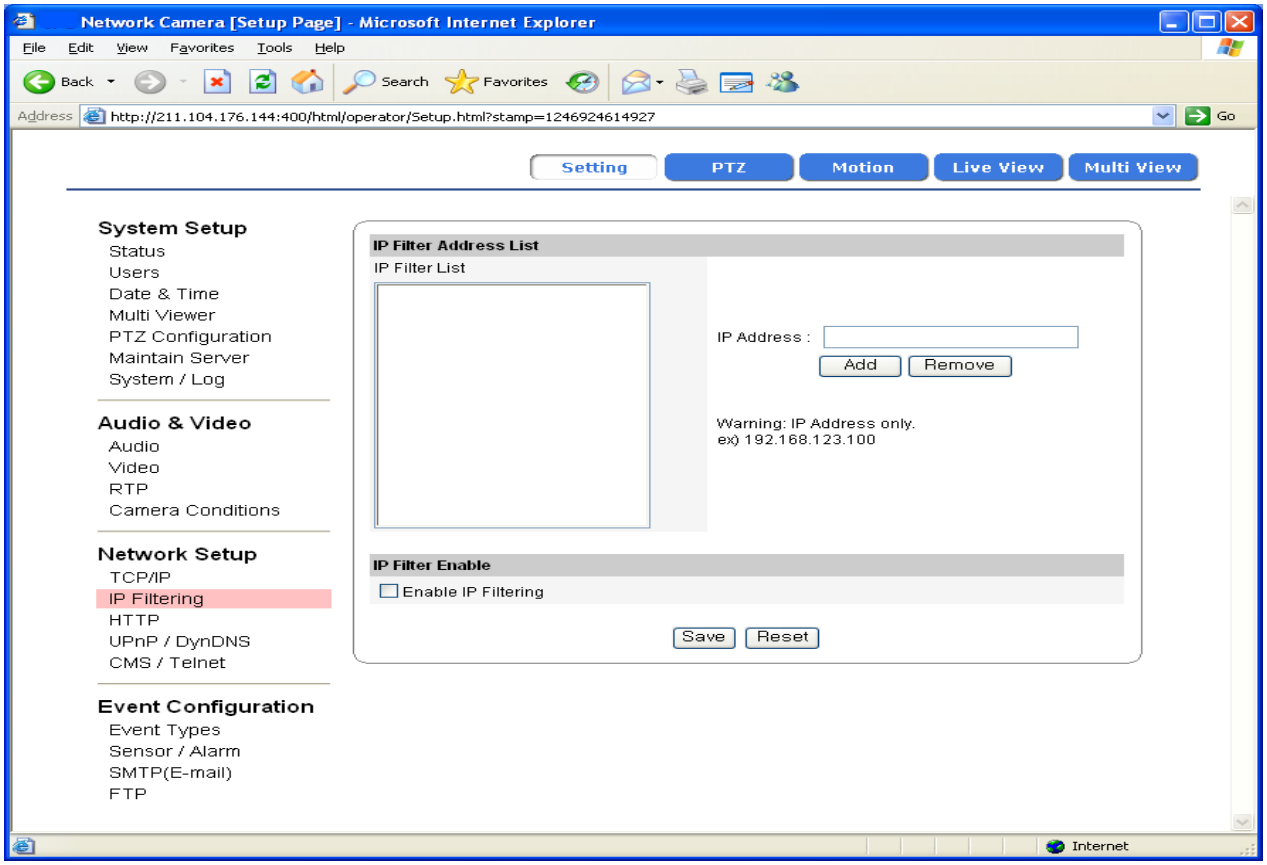


Figure 1-17 IP Filtering Page

ITEM		DESCRIPTION
Filter IP Addresses	-	Displays list of currently established IP Filters.
Add	-	Adds an IP address to filter out. Enter the IP Address to block and click add button to add it to IP Filtering listbox. The updated list can be viewed in IP Address Listbox. - Up to 20 IP addresses can be added.
Remove	-	Removes an IP address from IP Filtering listbox. Select the IP address to remove and click Remove button to remove it from the list. The updated list can be viewed in IP Address Listbox.
IP Filter Enable	Enable IP Filtering	Turns the IP Filter on or off. When turned on, XNET product will not be accessed from the IP addresses in IP Filtering Listbox.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.17. Configuring HTTP

This configures HTTP port to access XNET's webpage.

Click [▷ **HTTP**] button to open the page shown in Figure 1-18.

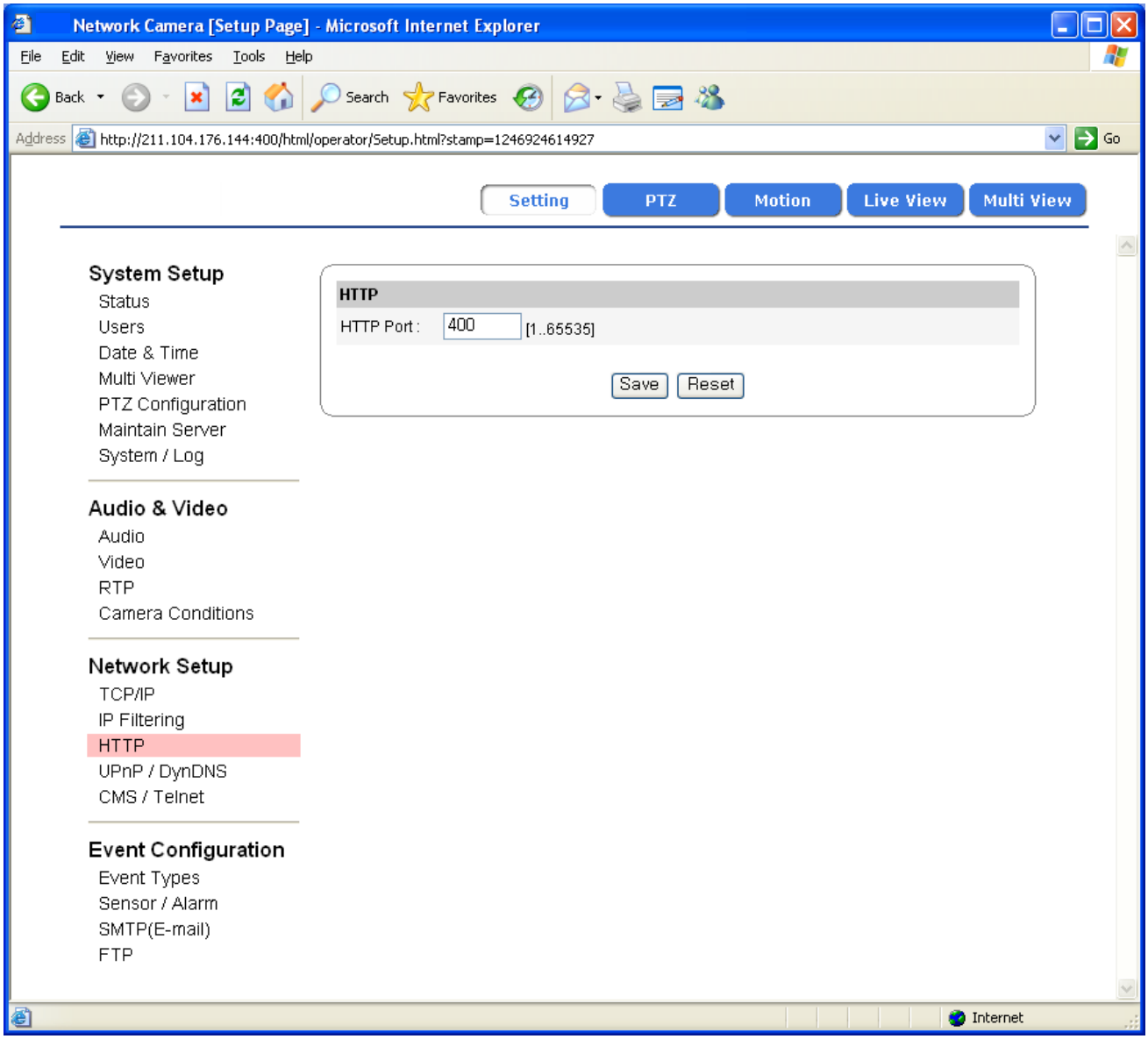


Figure 1-18 HTTP Page

ITEM		DESCRIPTION
HTTP	HTTP port	Enter HTTP Port to access the webpage. Default port is 80, and any other port number has to be entered at the end of the ip address when accessing. (Ex: When using HTTP Port 8080, enter http://192.168.123.100:8080)
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.18. Configuring UPnP/DynDNS/Bonjour

UPnP is a protocol for IP installer software. You can enable or disable this UPnP, and you can also use a Friendly Name.

DynDNS configures XNET's DDNS server information.

Click [▷ **UPnP/DynDNS**] to open the page shown in Figure 1-19.

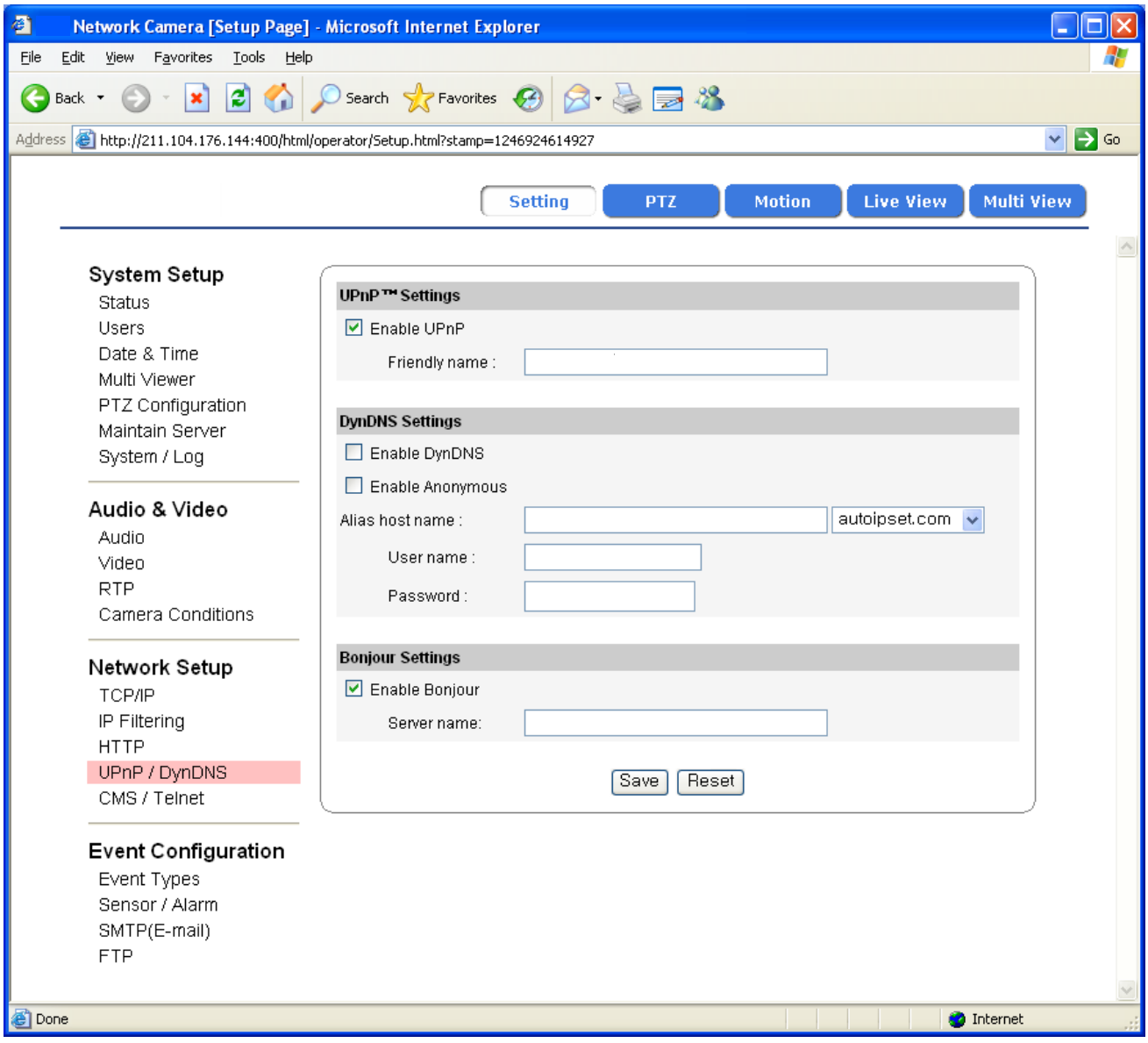


Figure 1-19 UPnP/DynDNS Page

ITEM		DESCRIPTION
UpnP Setting	Enable UPnP	Enables or disables UPnP. When enabled, you can use IP Installer's XNET Auto Search feature.
	Friendly Name	Enter UPnP's Friendly Name.
DynDNS Setting	Enable DynDNS	Enables or disables DynDNS. When enabled, you can automatically obtain a domain from DDNS server by simply registering the XNET product.
	Enable Anonymous	Enables or disables DynDNS Anonymous feature. When enabled, DDNS service is used without going through authentication at Autoipset.com DDNS server.
	Alias Host Name	Enter a Host Name for the DynDNS server.
	User Name	Enter a User Name for the DynDNS server.
	Password	Enter a Password for the DynDNS server.
Bonjour Setting	Enable Bonjour	Enables or disables Bonjour. When enabled, you can use IP Installer's XNET Auto Search feature.
	Server Name	Enter Bonjour's Server Name.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.19. Configuring CMS

This configures XNET's CMS Server information.

Click [▷ **CMS**] to open the page shown in Figure 1-20.

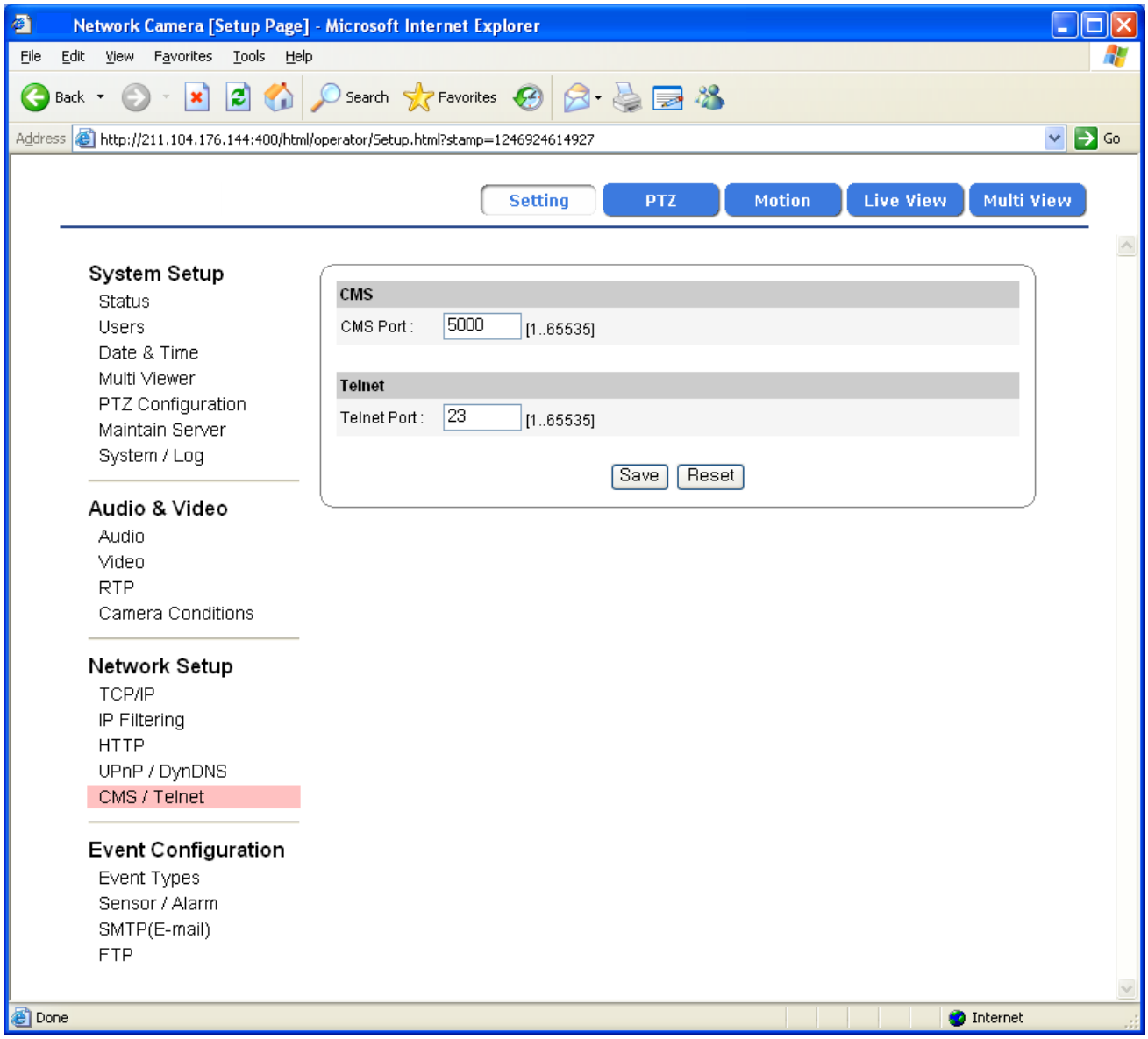


Figure 1-20 CMS Page

ITEM		DESCRIPTION
CMS	CMS port	Enter CMS port number for communication with CMS between 1 and 65535. The default is 5000.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.20. Configuring Event Type

This is related to XNET's DDNS Server information.

Click [▷ **Event Types**] to view page shown in Figure 1-21.

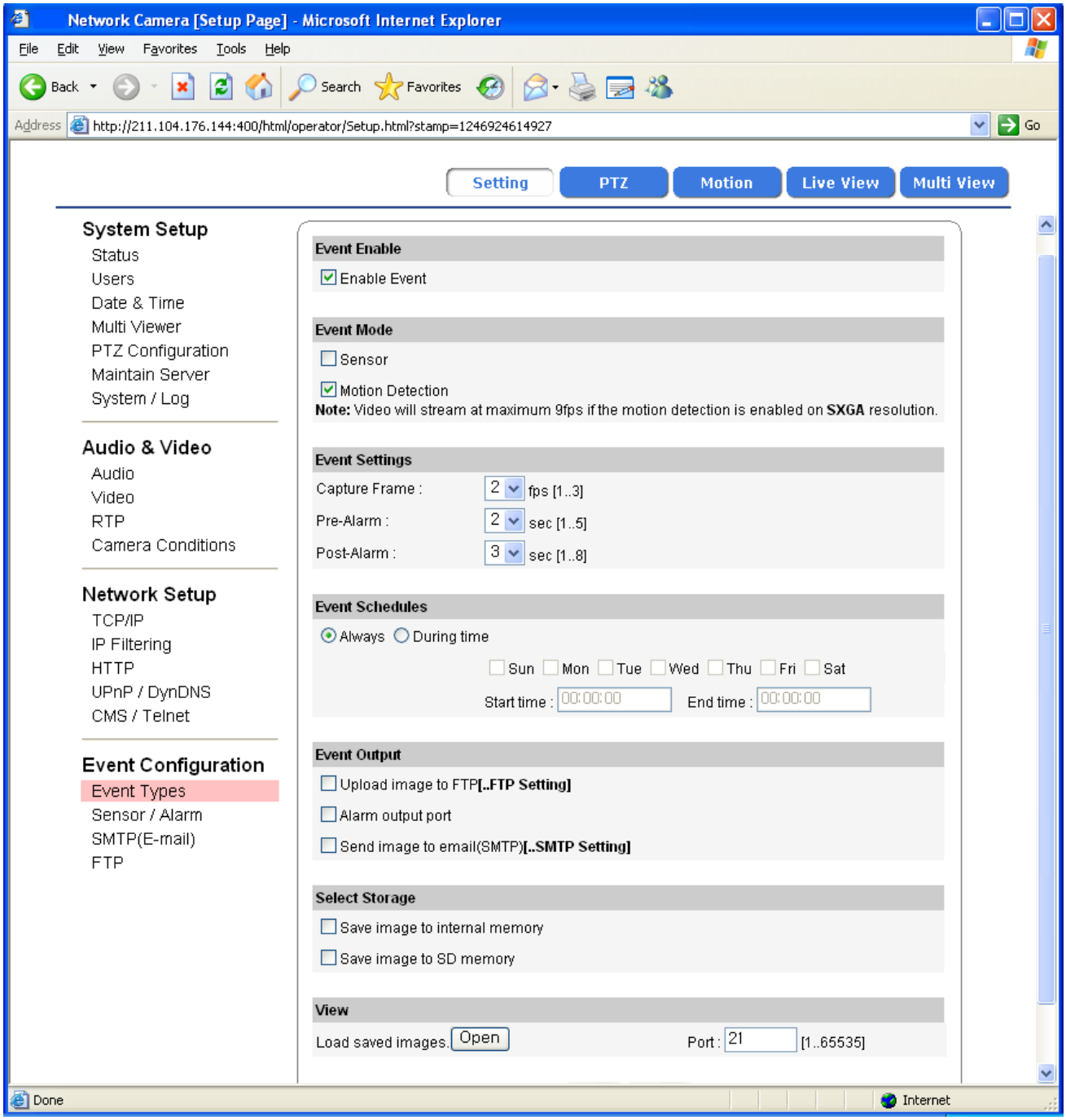


Figure 1-21 Event Types Page

ITEM		DESCRIPTION
Event Enable	Enable Event	Enables or disables event processing. <Default: Disable> <Note for EcoBC-1110 users> When this is enabled in the SXGA Mode, the transmitted frame rate is reduced by up to 10 fps. When this is enabled in the XGA Mode, the transmitted frame rate is reduced by up to 6 fps.
Event Mode	Sensor	Enables or disables the Alarm sensor.
	Motion Detection	Enables or disables Motion Detection.
Event Setting	Capture Frame	When processing an event, this establishes the number of images to be saved per second. It can be selected between 1 and 3.
	Pre-Alarm	When processing an event, this establishes saving images before the occurance of the event. It can be between 1 and 5 seconds before the event, and the number of the images to be saved gets determined by the Capture Frame rate.
	Post-Alarm	When processing an event, this establishes saving images after the occurance of the event. It can be between 1 and 8 seconds after the event, and the number of the images to be saved gets determined by the Capture Frame rate.
Event Schedules	Event Schedules	Enables or disables scheduled event monitoring. When Always is selected while Event (Alarm) is activated, the unit will monitor event (Alarm) all the time. During Time is selected while Event (Alarm) is activated, the unit will monitor event (Alarm) during the time period specified.
	Event Schedules Setting	Specifiy schedule for Event (Alarm) monitoring. Event (Alarm) is monitored according to the schedule specified here.
Event Output	Upload image to FTP	This allows Alarm images to be uploaded to an FTP server when processing an event. The client PC has to run FTP server to receive the images, and the information of the FTP server has to be accurately entered and saved at the FTP Configuration page.
	Alarm Output Port	This sends out Alarm signal to its output port during event processing.
	Send Image to Email	This allows Alarm images to be sent out by an e-mail when processing an event. Only one image file at the moment of the event gets sent out. The e-mail address has to be accurately entered and saved at SMTP configuration page.
Select Storage	Save Image to Internal Memory	This allows Alarm images to be saved in the internal memory. Saved image can get transferred to the client's PC by using save image button at system configuration page.
	Save Image to SD Memory	This allows Alarm images to be saved in the external memory (SD Card). SD card has to be properly installed and recognized for this feature.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.21. Configuring Sensor / Alarm

This is related to XNET's DDNS server information.

Click [▷ **Sensor / Alarm**] to open the page shown in Figure 1-22.

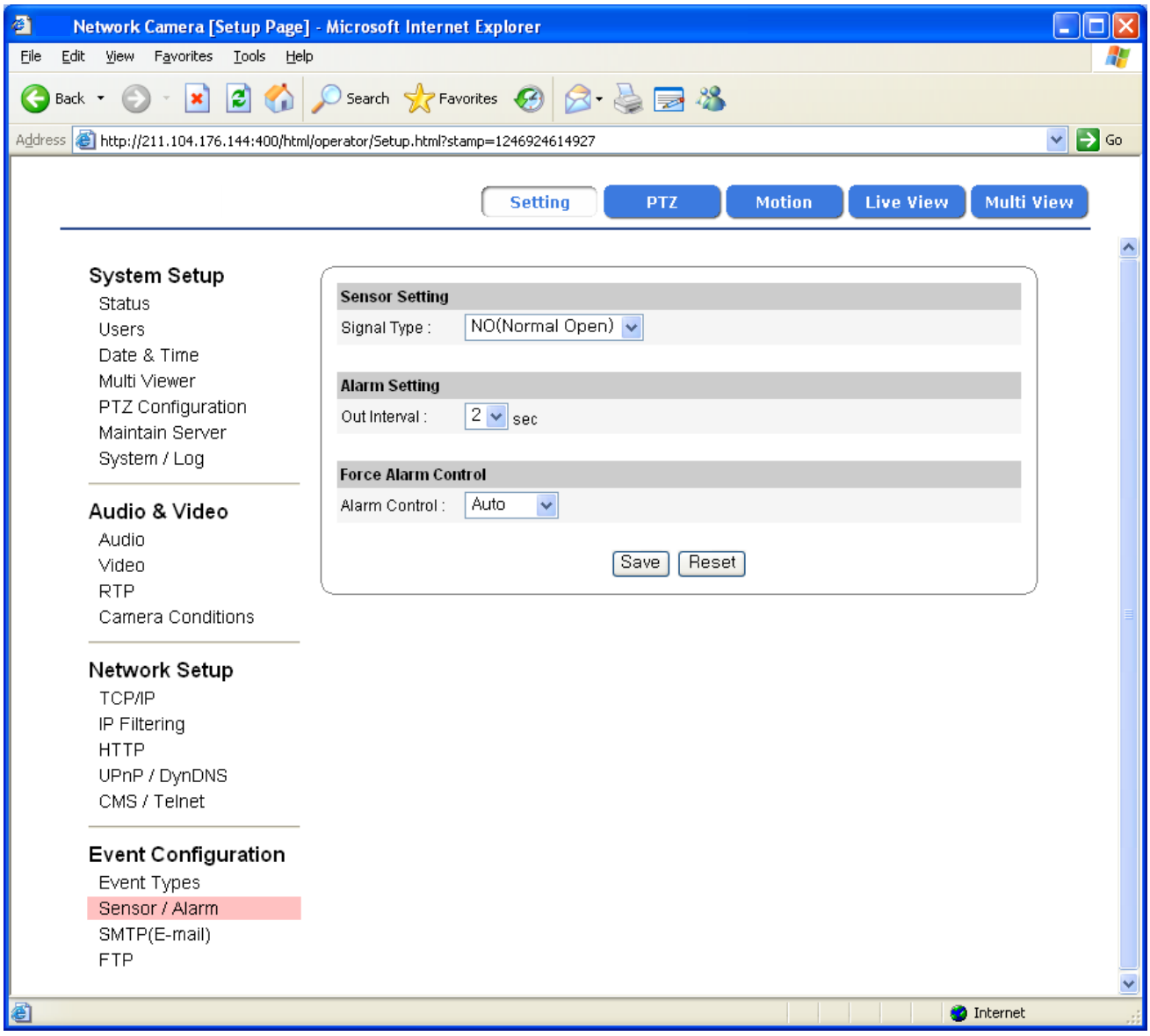


Figure 1-22 Sensor / Alarm Page

ITEM		DESCRIPTION
Sensor Setting	Signal Type	Selects the signal type for Alarm Input Port between Normally Close and Normally Open.
Alarm Setting	Out Interval	Configures interval between repeating Alarm Out signals between 1 and 3 seconds.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.22. SMTP Setup

This configures mailing out method of Alarm Images once "event" occurred in the XNET system.

Click [▷ **SMTP**] button to open the page shown in Figure 1-23.

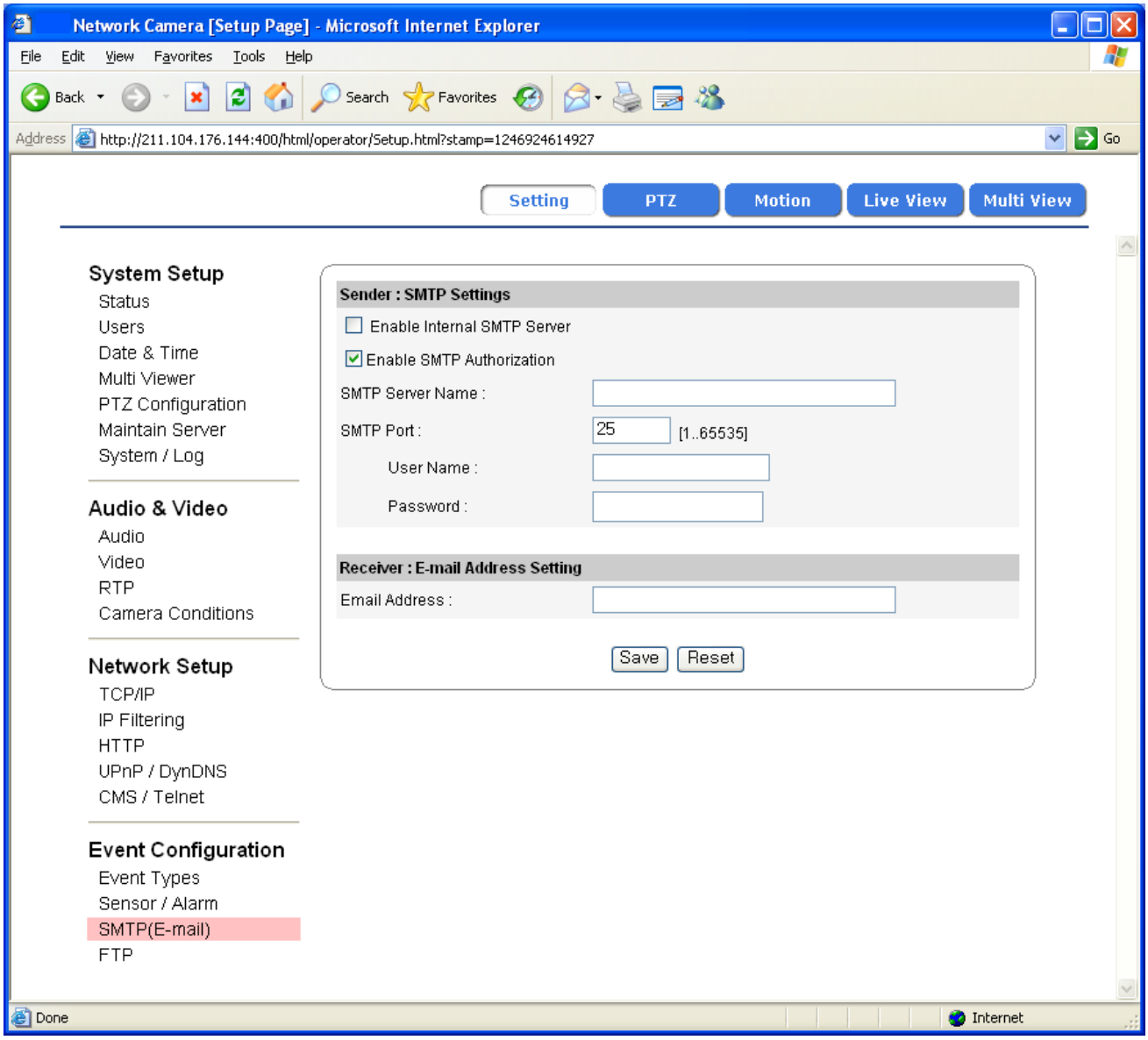


Figure 1-23 SMTP Page

ITEM		DESCRIPTION
SMTP Settings	Enable Internal SMTP Server	Turns Internal SMTP Server on or off. When this box is checked, Alarm Image gets mailed out through an internal mail server. Mail Authentication cannot be used in this mode. When this box is unchecked, Alarm Image gets mailed out through an external mail server. Mail Authentication, port, user, password, mail address, etc. needs to be configured.
	Enable SMTP Authorization	Enables or disables the use of SMTP authorization when using external mail server.
	SMTP Server Name	Enter the name of external mail server.
	SMTP Port	Enter the port number for the external mail server.
	User name	Enter the user name of the external mail server.
	Password	Enter the password of the external mail server user.
E-mail Address Setting	Email Address	Enter the e-mail address of the external mail server user.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.23. Configuring FTP

This configures how the Alarm Images get sent out using FTP once "event" occurred in the XNET system.

Click [▷ **FTP**] button to open the page shown in Figure 1-24.

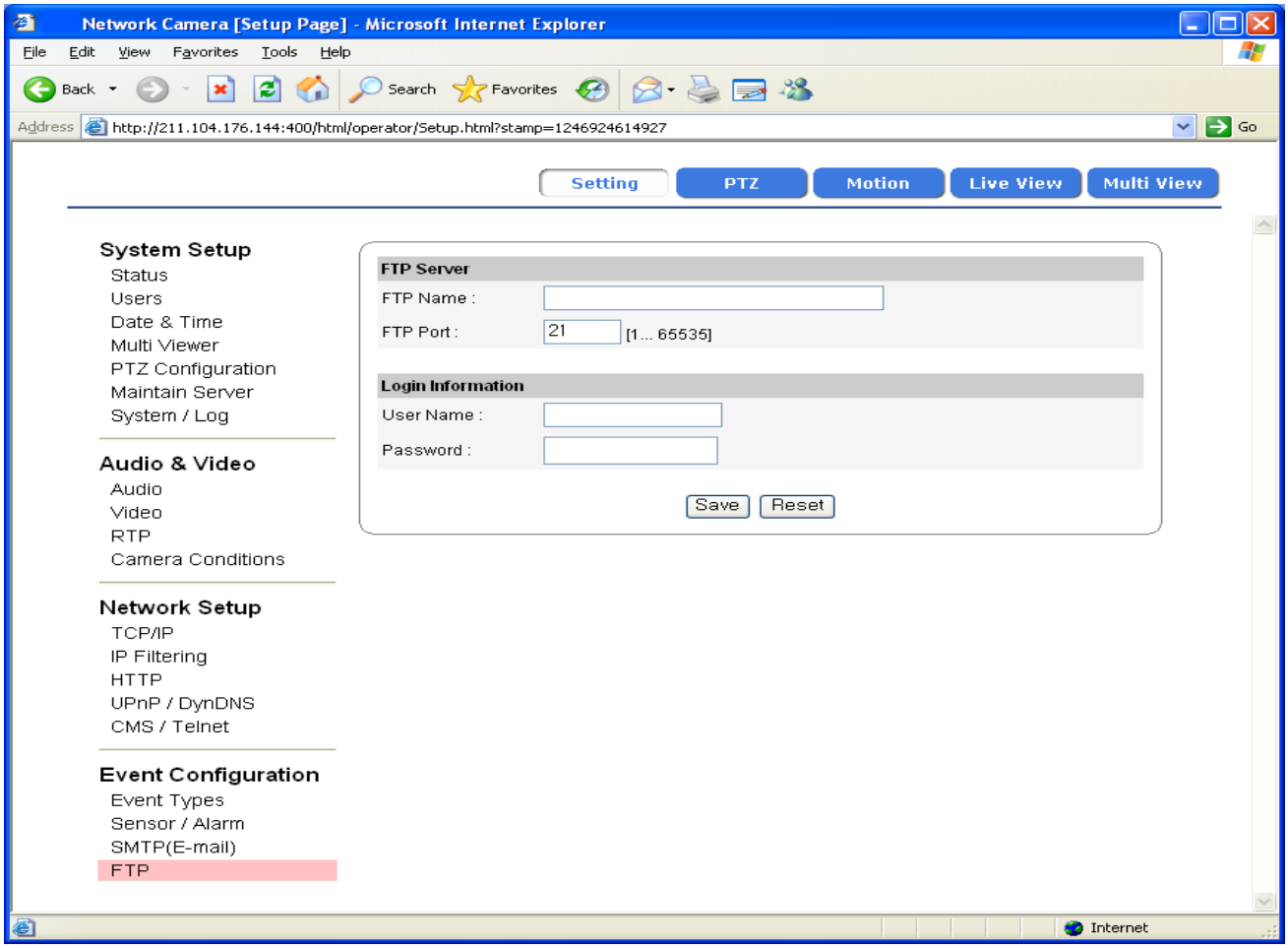


Figure 1-24 FTP Page

ITEM		DESCRIPTION
FTP Server	FTP Name	Enter the address of the FTP server to send Alarm Images to in the event processing. The client PC at that IP address has to run the FTP server in order to receive the Alarm Images.
	FTP Port	Enter the port number for the FTP server to send Alarm Images to in the event processing.
Login Information	User Name	Enter the user name of the FTP server to send Alarm Images to in the event processing.
	Password	Enter the password of the FTP server to send Alarm Images to in the event processing.
Save	-	Applies and saves changes.
Reset	-	Recalls previously saved configurations.

1.24. Configuring and operating Digital PTZ

This controls XNET EcoXX-xxxx´s Digital PTZ.

Click PTZ button in Operator mode to open the page shown in Figure 1-25.

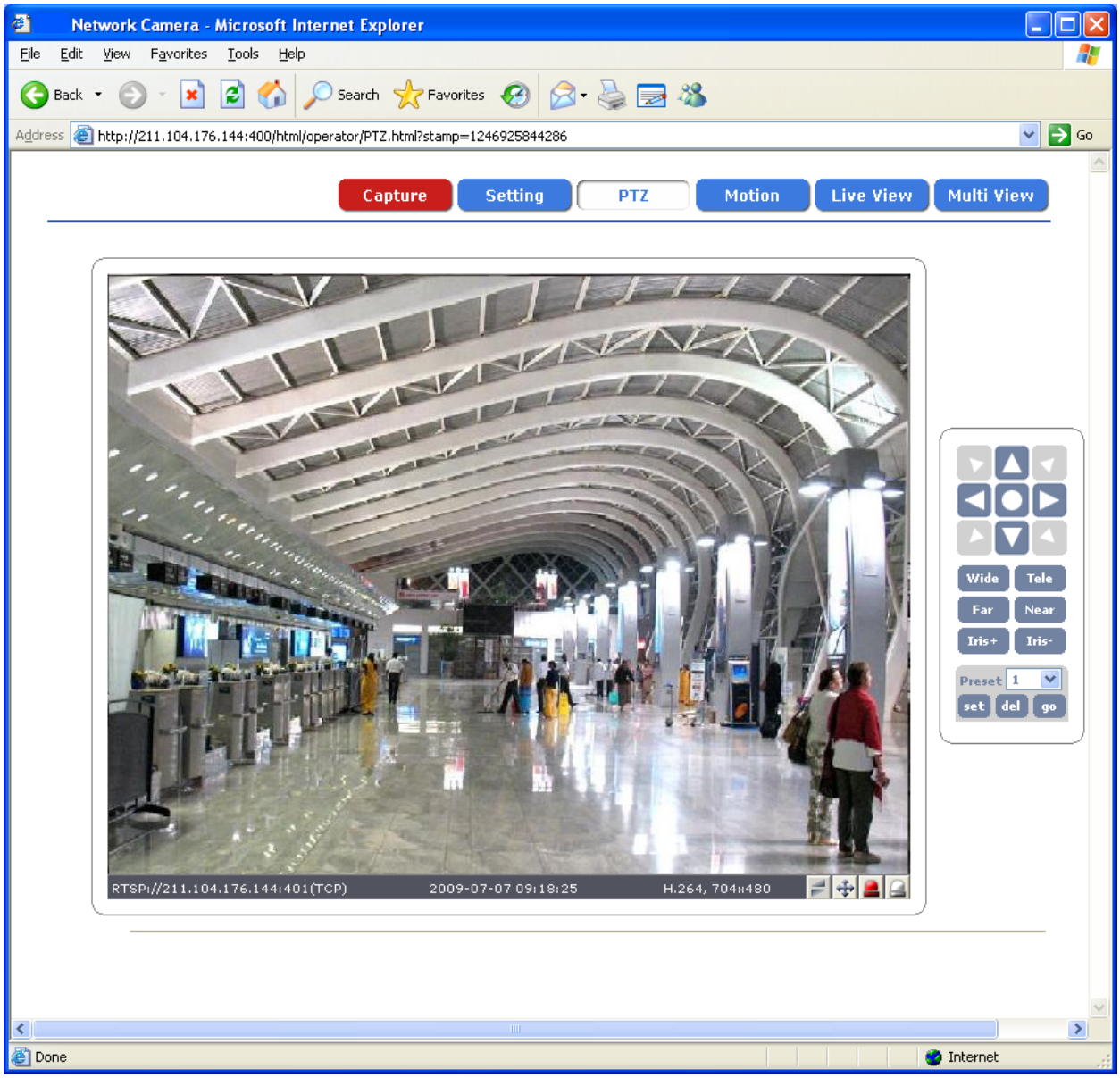


Figure 1-25 Digital PTZ page

ITEM		DESCRIPTION
Digital PTZ Action Bar	Direction Key	This moves the viewable area within the active CCD region. From the center, it can be moved two click positions in the positive/negative x/y direction.

1.25. Configuring Motion Detection area

This defines areas that detect motion, and up to three different areas can be defined in each channel.

Click Motion button in Operator mode to open the page shown in Figure 1-27.

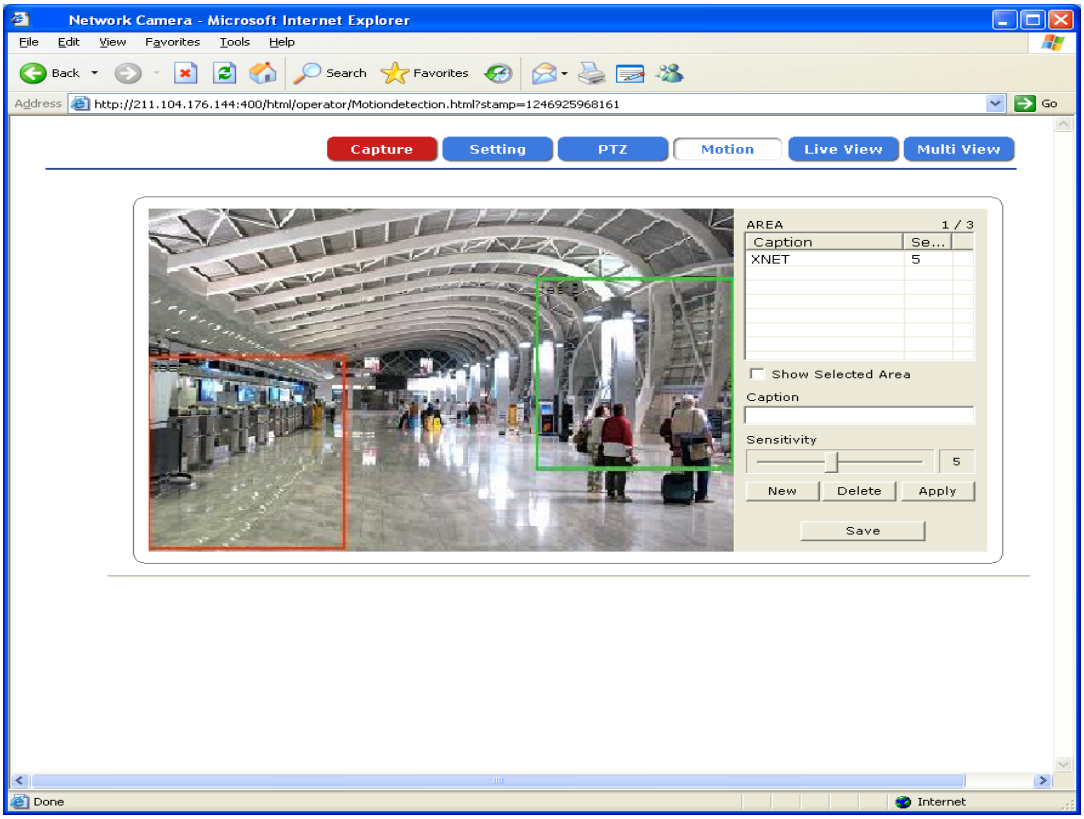


Figure 1-27 Motion Detection Page

ITEM		DESCRIPTION
Area		Displays currently defined Motion Detection area. When an area is selected from the list, its defined area gets displayed and highlighted in viewer window. Up to 3 motion detection areas can be defined.
Show selected area		When this is checked, only the selected area gets displayed in viewer window.
Caption		Enter designation for each area.
Sensitivity		Sets sensitivity for detecting motions, "1" being the least sensitive and "10" being the most sensitive. The user needs to configure this according to their applications and circumstances.
Defining Motion Detection Area		1. Enter a designation in the caption bar, and set sensitivity. 2. Click "Add" button. 3. A square with the designation you've just defined will appear in viewer window. 4. The size of the square can be adjusted by clicking and dragging its lower right corner, and the position can be adjusted by dragging the square. 5. Click "Save" button once you've done defining the areas.

1.26. Configuring Multi View Option

This configures viewing of up to 4 different camera images simultaneously.

Click 

button in Administrator mode to open the page shown in Figure 1-28.

The video from the XNET product gets displayed on top left, and the rest display video signals coming from the IP addresses defined in the Multi-Viewer Setup page.

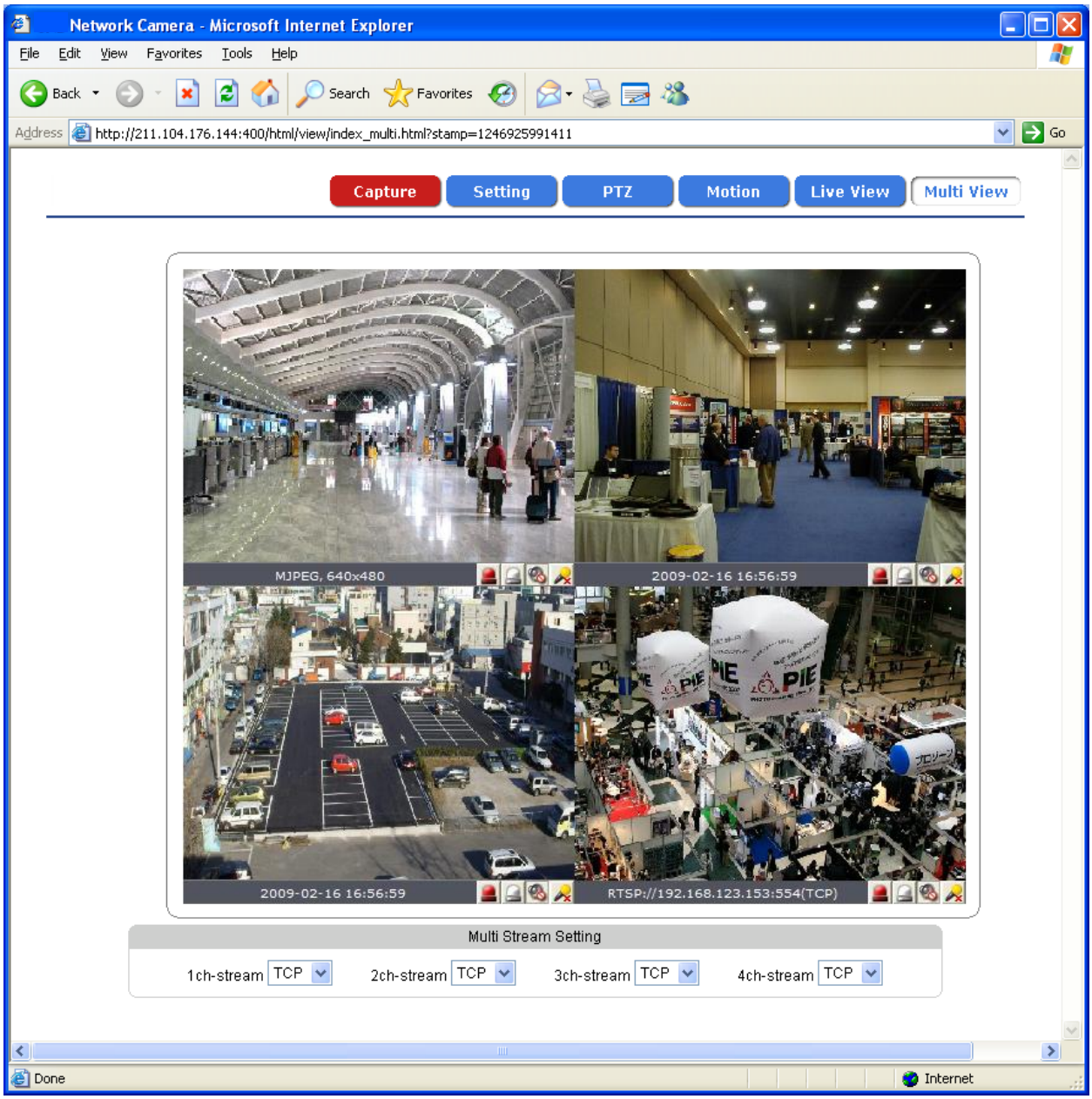


Figure 1-28 Multi-View Page

EcoLine Webbrowser BA_EN_02.11.2011

Supplied subject to technical modifications and availability.

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