

[Support Package]

ID	TS-00006	Created	Nov, 10, 2005
		Updated	
Category	System Integration	Sub Category	Network
Product	All video servers/IP cameras		
Purpose	How to setup NTP function in video server/IP camera?		
Support URL	http://www.acti.com/support		
Tech Support	Customer.service@acti.com		
MSN Messenger ID	Customer.service@acti.com		

[Support Package]

How to setup NTP function in video server/IP camera?

NTP (Network Time Protocol) function is made to synchronize multiple network devices' time setting to a time server. Our video server/IP camera adds the time code into the streaming, thus our recording have the exact event time embedded. With NTP function, you can ensure all your video server/IP camera send streaming following the same time base and it would be very useful for future event analysis.

You can find in this manual tell you

- A. How to setup your video server/IP camera NTP
- B. How to set up a simple NTP server
- C. Self diagnostic

[Support Package]

Chapter1: Setup your video server/IP camera

NTP setting

Follow the procedures below to setup.

Step1: Setup in the web-configurator

1. Open Web Configurator
2. Click on [Date Setting](#).
3. Enable SNTP/NTP Server Function.
4. Enter the IP Address of SNTP/NTP Server. (you can use a PC with Windows XP OS)
5. Choose the [Sync Time](#). This means the frequency to synchronize date, time with NTP server
6. After setting, click on the [Apply](#) button.
7. If you set the date/time manually, when Video Server is Power Off and Power On, the Date/Time will be reset to default.

The screenshot displays the 'Date Setting' configuration page in a web configurator. On the left, a vertical menu lists various settings, with 'Date Setting' highlighted. The main content area is titled 'Date Setting' and features two radio button options: 'SNTP/NTP Server' (selected) and 'Set Manually'. Under 'SNTP/NTP Server', the 'IP Address' field is set to '192.168.1.2' and the 'Sync Time' dropdown is set to '1 Day'. Under 'Set Manually', the 'Date' is set to '2004 / 01 / 01', the 'Time' is set to '00 : 00 : 00', and the 'Time Zone' is set to '(GMT) 0:00'. At the bottom of the configuration area, there are 'Apply' and 'Reset' buttons. A red footer bar at the bottom of the page contains the text 'Copyright@2003-2004 ACTI Corporation All Rights Reserved'.

[Support Package]

Step1: Setup in the web-configurator

1. When you can see the video screen, your setting is success.



Chapter2: Set up a simple NTP server

There's a simple way to set a NTP server UP. Because the Windows XP has embedded NTP server function inside, you can always refer a computer in the same network segment with Windows XP Operation system as a NTP server.

Chapter3: Self diagnostic

If the NTP function fails, it should be the connection failure between the device and the NTP server. Please check the network connection.