

How to update Web Page of FlexWATCH™ system

Following is an instruction about how to upload new version of FlexWATCH™ network camera and video server. "webimg.bin" file is compressed image file of whole html page of FlexWATCH™ system. By using "webimg.bin" file you can shorten actual lead time to upload html file. So it is highly recommended method to upgrade web page of FlexWATCH™ network camera and video server.

➤ Before Update,

you should prepare

- webimg.bin file that is received from seyeon tech or written by you.
- Serial Cable (Blue Cable Included in the FlexWATCH Products, or RS232C Cross Cable)
- Hyperterminal Application (Included in Windows, if you don't have it, Add it using Windows Install CD-ROM)

➤ To Download Web Page files written by Seyeon Tech.

- Access the web site <http://www.FlexWATCH.com> or
- Request your dealer the latest webimg(web page files) which might compressed in ZIP file or
- Request the recent Web Page files to Seyeon Tech Co., Ltd.(sytech@seyeon.co.kr) via e-mail , fax, etc.

* After receiving the "webimg.bin" file for FlexWATCH 200/300/500 or CAM 100/50, and copy or extract that file to proper directory.

* If file name is received in different name (ex. FW-100_webimg.bin), you need to rename it as "webimg.bin"(lowercase)

➤ Hyperterminal Configuration.

- 38400 bps, 8 bit, None Stop bit, 1 Parity.
- more detail, Please refer to manual


➤ Update Procedure.

WARNING !

- During updating FlexWATCH Web page files, do not access the system to see pictures. It may result in unpredicted malfunction of the web.

1) Connect Serial Cable, and Execute Hyperterminal Windows.

2) When you turn on the system, and meet the prompt, and then type "ls" on the console!(hyperterminal window)
You will see files described as below.

\$ ls 

BITMAP.SYS FLIST.SYS SysConfig flexwatch

3) Clear previous web page of FlexWATCH,

you should erase the directory "flexwatch" which has the current html files in the system by executing "rm -r flexwatch" command on the console(hyperterminal or telnet).
It is the main reason for prohibiting the access during the upgrade.

\$ rm -r flexwatch 

* In some situation, several files wouldn't erased and display error message, then please retry "rm -r flexwatch".

4) Upload the new web file(webimg.bin) to FlexWATCH™ using FTP

If ftp is not connected, then please check the network configuration, physical line and HUB, or network setting of PC etc.
- If you have the application like as WS_FTP Pro , cute ftp, etc.
just move the new web file to the system

- If you do not have that kind of utility, just type ftp command on Dos Command Window and follow the procedure described as below

- Please make sure that "webimg.bin" file is reside in home directory of C: drive to upload in the file using Dos command.

ex. C:\> ftp 10.10.10.10 ↵
and type login id as " root", and proper password (default password is also "root")

```
ftp> binary ↵
ftp> hash ↵
ftp> put webimg.bin ↵
ftp> bye ↵
```

- check if there is error occurred during the transfer
- after completing transfer, then if you type "ls -al" command in our system, and check the uploaded file size is same as original file size that you received.

* Notice !

If you use WS_FTP or some other FTP program which leaves LOG FILE (such as WS_FTP.log) after uploading the file to the system, You must delete that FTP Log file from the folder.

- 5) Type the command "chgwebimg". Then just wait for completing the command. (it takes about 10 sec)
This command write the Web pages moved to FlexWATCH's file system(RAM disk) to the non volatile memory (Flash Memory), so new Web page will be effective even after rebooting or power off and on.

WARNING !!!, Don't rebooting or Power-off during the this process , it will be crash FlexWATCH system.

```
$ chgwebimg ↵
[] Do you really want to update WEB Directory Image ? (y/n) y
#####
```

- 7) Just wait for completing the update, and then the FlexWATCH will reboot automatically and the new Web page will be working on it.

NOTICE !!! :

If you are waiting more than several minutes because system is not rebooting automatically, or system display some erroneous message, please try again and if no success, then contact your dealer or seyeon tech.

```
FE Code fffffff
System Initialize...
Reinitialize ...
```

```
-----
MODEL   : FlexWATCH-100 ( NTSC )
VERSION : 2.0 (Build : Jan 30 2002)
S/N(MAC) : 00-30-6f-00-02-86
-----
```

```
WEB Default DRI: / flexwatch
FlexWATCH-100 WEB Ver 2.0 (Build : Jan 30 2002)
```

\$

- 8) check again if Web page file is generated correctly by using "du" or "ftable" commands, after about 10 seconds elapse from the rebooting.

* after booting, web page saved flash memory is copied to FlexWATCH's file system (RAM disk).
it takes a few seconds, so if you execute "ftable" or "du" command immediately after rebooting,
it may give you incorrect information.

- 9) Connect FlexWATCH by using Web browser, Check if Web Server 's Page and applet etc is working well.

