

# Table of Contents

<b>ECABnetCfgSave.....</b>	<b>1</b>
Requirements.....	1
Usage.....	1
Quick Guide.....	1
Examples.....	2
Help.....	2

# ECABnetCfgSave

- a program to extract a combined configuration from either a single ECA + ECB pair, or from multiple ECA or ECB systems
- the program operates over an ethernet connection to the ECB unit(s), and indirectly over the fiber to the ECA units.

## Requirements

- Put ECABnetCfgSave.exe, and all the support files (library.zip, w9xpopen.exe, python24.dll, MSVCR71.dll), and the sample camsys.ini into the same directory, somewhere above the .BIN files you wish to load. For example you may want to put them in C:\EVERTZ\ECA\_ECB \* Copy the camsys.ini file for reference purposes, to something like camsys\_original.ini.
- Edit the camsys.ini file so that it more accurately reflects your multi-camera system

## Usage

- Open a "DOS Prompt" or "Command Prompt" window
- Change to the directory where you put ECABnetCfgSave.exe. For example "CD C:\EVERTZ\ECA\_ECB"
- Type "**ECABnetCfgSave -h**" to check that the program runs, and will give you a list of help information
- Connect a network cable to the ECB. Make sure your PC is configured to connect to the same network as the ECA/ECB system (default IP 192.168.9.xx)
- Make sure the ECA and ECB are powered on, and the ECA is connected by fiber to the ECB

## Quick Guide

- the program must be specified with an outputfilename
- the "-s xx" option allows you to specify a specific ECA/ECB system as defined in camsys.ini. It must be a one character number or letter which matches one of the section headings in camsys.ini
- the "-a nn.nn.nn.nn" option allows you to specify a specific ECA IP address. You can specify multiple "-a" options.
- the "-b nn.nn.nn.nn" option allows you to specify a specific ECB IP address. You can specify multiple "-b" options.
- the "-y" option allows the program to overwrite an existing outputfile.
- the "-c "blah blah blah" option allows you to add a comment to the head of your outputfile. It must be enclosed in quotes
- the "-t ECA" or "-t ECB" or "-t ALL" option allows you to specify either all the ECA units as defined in camsys.ini or all the ECB units as defined in camsys.ini
- the "-d alternate\_camsys.ini" option allows you to specify a different file other than the default camsys.ini
- the "-e variablename" option allows you to exclude a specific variable from being saved in the outputfile. You can specify multiple "-e" options. The built-in default exclusions are 'systemident', 'common1stoctet', 'common2ndoctet', 'common3rdoctet', 'netcpuaddress', 'baseaddress', 'adapteraddress'
- the "--no-builtin-excludes" option turns off the built-in exclusions
- the "-x excludefilename" option allows you to specify a file which contains a list of exclusions, which are similar to using the "-e" option. The exclusions must be one per line, an "#" or ";" will be treated as the start of a comment

## Examples

- **"ECABnetCfgSave -s 1 samplecfg.txt"** -- extract the configuration(s) from system #1 (as defined in the default camsys.ini file) and save to file samplecfg.txt
- **'ECABnetCfgSave -s 1 samplecfg.txt -c "this is my sample cfg"'** -- as above but with the addition of a comment that will be added at the head of the file
- **"ECABnetCfgSave -y -a 192.168.9.12 -b 192.168.9.11 samplecfg.txt"** -- extract the configurations from the addresses and save to the file. The "-y" option allows the output file to be overwritten

## Help

usage: ecabnetcfgsave [options] outputfile  
 a program for extracting an ECA or ECB unit configuration via telnet and saving it to a file

where outputfile(s) are configuration command file(s)  
 containing configuration commands for one or both ECA and ECB units

### options:

```
--version          show program's version number and exit
-h, --help         show this help message and exit
-p HOSTPORT, --port=HOSTPORT
                  ECA/ECB control port (default 1023)
-a HOSTADDR_A, --a_addr=HOSTADDR_A
                  (multiple) source ECA IP address/hostname (disables
                  -d)
-b HOSTADDR_B, --b_addr=HOSTADDR_B
                  (multiple) source ECB IP address/hostname (disables
                  -d)
-d SYSDEFFILE, --sysdeffile=SYSDEFFILE
                  File containing definitions of IP address groups
                  (default camsys.ini). Section headings in square
                  brackets mark the start of a single system and
                  subsequent lines define the IP addresses of the
                  components of the system. Semi-colon's or the number
                  sign (#) can be used to create comments.
-v, --verbose      Verbose mode
-V, --verbosedef  Verbose mode of parsing SYSDEFFILE
-f, --feedback    Show server feedback
-q, --quiet       Quiet mode
--noaction        Print arguments and quit
-x EXCLUDEFILE, --excludefile=EXCLUDEFILE
                  File containing list of variables to exclude from
                  saving. The file should contain the name of one
                  variable per line. Semi-colon's or the number sign (#)
                  can be used to create comments.
-e EXCLUDES, --exclude=EXCLUDES
                  (multiple) variable name to exclude
-s SUBUNIT, --subunit=SUBUNIT
                  select only section heading (such as 1 or Q) addresses
                  from SYSDEFFILE
-t SUBTYPE, --type=SUBTYPE
                  select only types (such as ECA or ECB or ALL) of
                  addresses from SYSDEFFILE
--no-builtin-excludes
                  do not use the built-in exclusions (systemid and ip
                  addresses)
-c COMMENT, --comment=COMMENT
                  comment to add to config file header (in quotes)
-y, --overwrite   Allow overwrite of existing files
```