# Ecoscan command line scanner

This application can be configured and run using command line parameters

or using a configuration file. Sample configuration file is: Ecoscan.exe.config

Possible parameters:

**SetDevice**

Sets the desired device by its name.

**GetDevices**

Prints to the console window the supported devices

Note: Not relevant to be used in the configuration file"

**UseConfigFile**

Using this parameter the application will ignore all other parameters specified in the command line and will use only the configuration file.

**FileName**

A filename that will be used to save the output scanning.

This parameter does not have prefix like e.g. ScanColor.

**ScanColor**

Possible values are: true / false

**ShowScannerUI**

Possible values are: true / false

When set to 'true' then the scanner default properties view will be displayed in order to allow complete control over the settings of the scanner.

**ScanResolution**

Possible values are per scanner manual. Recommended values are between 100 and 300.

**ShouldTransferAllPages**

Possible values are: true / false

When set to 'false' only the first page will be taken from the scanner feeder.

**AutomaticDeskew**

Possible values are: true / false

When set to 'true' this will help getting aligned images incase the feeder keeps getting the pages badly. When set to 'false' the scanned pages will be saved as is.

**AutomaticBorderDetection**

Possible values are: true / false

When set to 'true' scanner will attemp to get the scanned image as close to their actual size and not a full A4 size.

**MergeMultiImage**

Possible values are: true / false

When set to 'true' the output file type will be either tiff (default) or pdf per file extension entered earlier. When set to 'false', if multiple pages are scanned and the file extension set

is a single image type like jpeg, then the output file will have a sufix: e.g. 'temp\_0.jpeg', 'temp\_1.jpeg', etc.

**AbortWhenNoPaperDetectable**

Possible values are: true / false

Default value is 'false'.

**UseDocumentFeeder**

Possible values are: true / false

If not set then it will autodetect.

**UseDuplex**

Possible values are: true / false

If not set then it will autodetect.

**FlipSideRotation**

Possible values are: Book,FanFold

Default value is 'Book'.

**AutomaticRotate**

Possible values are: true / false

Default value is 'False'.

**TransferCount**

Possible values are: -1 / Number of pages to scan

When set to '-1' all pages are scanned.

**UseAutoFeeder**

Possible values are: true / false

Default value is 'false'.

**UseAutoScanCache**

Possible values are: true / false

Default value is 'false'.

**Orientation**

Possible values are: Default,Rotate90,Rotate180,Rotate270

**PageTypeSize**

Possible values are: None, A4, JISB5, UsLetter, UsLegal, A5, ISOB4, ISOB6, B, UsLedger, UsExecutive, A3, ISOB3, A6, C4, C5, C6, \_4A0, \_2A0, A0, A1, A2, A7, A8, A9, A10, ISOB0, ISOB1, ISOB2, ISOB5, ISOB7, ISOB8, ISOB9, ISOB10, JISB0, JISB1, JISB2, JISB3, JISB4, JISB6, JISB7, JISB8, JISB9, JISB10, C0, C1, C2, C3, C7, C8, C8, C9, C10, UsStatement, BusinessCard, MaxSize;

**Units**

Possible values are: Inches, Centimeters, Picas, Points, Twips, Pixels, Millimeters

Default value is 'Inches'.

**AreaSize**

Values should be set as follow: [Left,Top,Right,Bottom]

**Important:** If you decide to use a configuration file then 'UseConfigFile' must be the first parameter.

**Sample usage:**

CLScanner.exe GetDevices

In this sample all available devices will be print out to console.

CLScanner.exe FileName:c:\temp\TestImage.jpeg ScanColor:true ShowScannerUI:false

In this sample the output file will be named TestImage.jpeg and be placed

under the folder c:\temp.

The output image will be in color and during the process the scanner UI will not be shown.

CLScanner.exe FileName:c:\temp\TestImage.jpeg SetDevice:"Integrated Twain Camera"

In this sample the selected device to get the images will be a laptop camera

CLScanner.exe UseConfigFile ScanColor:true ShowScannerUI:false

In this sample all configuration data will be taken from the config file

and the command line parameters 'ScanColor' and 'ShowScannerUI' will be ignored.