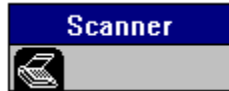


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Scanner Module



The Scanner module lets you scan any color, grayscale or monochrome image into a raster graphic frame. This module works with a large number of scanners through the use of dedicated scanner drivers. The Scanner module is included with Calamus, but scanner drivers are purchased separately from DMC.

The main purpose of the Scanner module is to scan images directly into a raster graphic frame from within Calamus. After scanning, you can edit the image by using the functions in the Raster Graphic Special Functions command group and the Brush module.

The Scanner module is activated by clicking its icon in the Module Row or by selecting the module name in the Modules dialog box and clicking the Execute button. The functions in the Scanner module can only be used if a scanner driver is loaded and a raster graphic frame is selected.

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Scanner Command Group

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Loaded Driver

If a scanner driver is loaded, its name is displayed in the Scanner window.



Load Scanner Driver



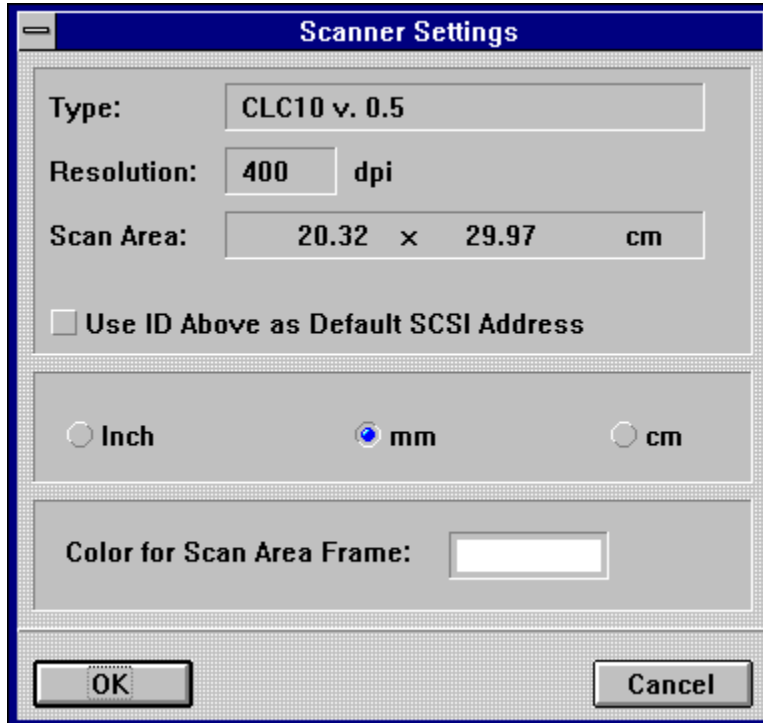
Click the Load Scanner Driver icon and the file selector appears. Locate the subdirectory for your scanner drivers and select the appropriate driver for your scanner. Scanner drivers have a CSD extension. Click OK and the name of the scanner driver will appear in the Loaded Driver field at the top of the command group.

Scanner Settings



Click this icon and a dialog box appears if a scanner driver is loaded. You will be presented with information about the current scanner driver.

In the Scanner Settings dialog box, you will be able to select options including scanning resolution and scan area. If the selected scanner driver supports prescanning, you will be able to select options for that function as well.



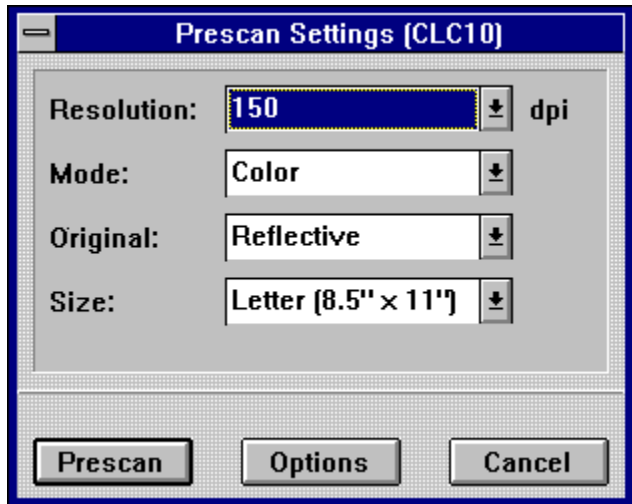
The Scanner Settings dialog box has a blue title bar with the text "Scanner Settings". It contains several input fields and checkboxes. The "Type" field is set to "CLC10 v. 0.5". The "Resolution" field is set to "400" with "dpi" as the unit. The "Scan Area" field shows "20.32 x 29.97 cm". There is a checkbox labeled "Use ID Above as Default SCSI Address" which is currently unchecked. Below this, there are three radio buttons for unit selection: "Inch", "mm" (which is selected), and "cm". At the bottom, there is a "Color for Scan Area Frame:" label followed by a white rectangular input field. The dialog box has "OK" and "Cancel" buttons at the bottom.

Type:	CLC10 v. 0.5		
Resolution:	400	dpi	
Scan Area:	20.32	x	29.97 cm
<input type="checkbox"/> Use ID Above as Default SCSI Address			
<input type="radio"/> Inch <input checked="" type="radio"/> mm <input type="radio"/> cm			
Color for Scan Area Frame:		<input type="text"/>	
OK		Cancel	

PreScan Image



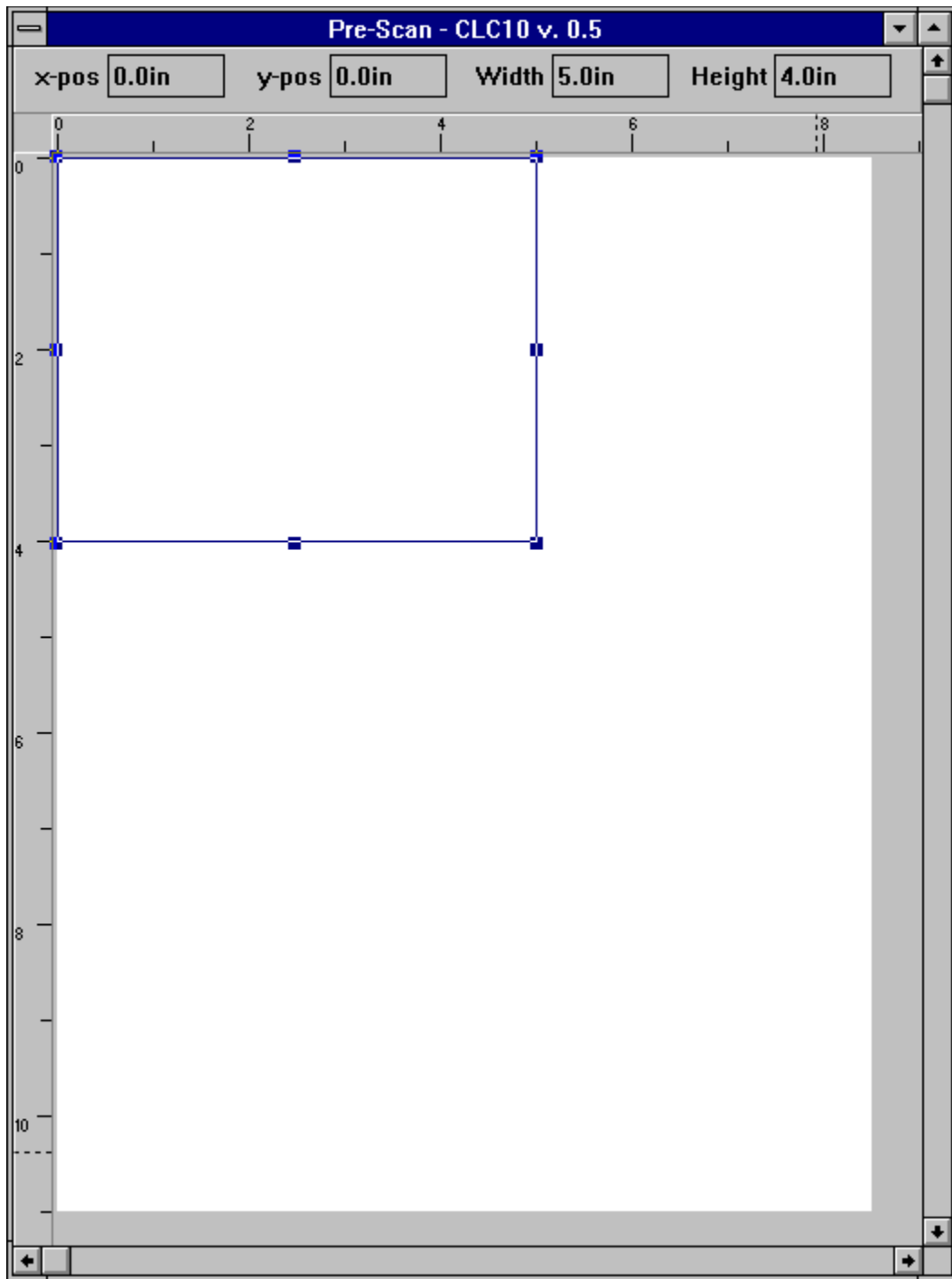
The prescan function allows you to define the area to be scanned. The prescan creates a low resolution version of the scanned area as defined by the dimensions set for your scanner. If the prescan function is implemented in the scanner driver, a dialog box will be displayed in which you can enter the prescan settings including resolution, color mode, original surface material, and size of prescan area. Since the settings depend on the driver used, you should also refer to the documentation for the driver.



After prescanning, the scanned picture appears with a scan area frame which can be moved or resized like any other Calamus frame.

You can also use the Coordinate Display to specify a precise scan area. Simply enter the desired unit of measurement after the value in the input field (e.g. 2in for 2 inch, 6cm for 6 centimetre, or 24pt for 24 points). If no unit of measurement is specified, the current unit is used. (See Set Units of Measurement in the Page module earlier in this chapter for information.) It is not possible to enter a value which is greater than the prescan size.

The prescan functions and their uses are common to all scanner drivers since they are controlled by the Scanner module.



The illustration at left shows the prescan frame inside the full page scanning area. The prescan frame can be moved and resized as you wish. A low resolution prescan provides an accurate estimation of the final scan area.

Scan Image into Frame



This function scans an image directly into a selected raster graphic frame. The number of scanning options depends on the current scanner driver. If no prescan has been performed, a dialog box will allow you to adjust the size of the area to be scanned, the color mode (monochrome, grayscale, or color), the resolution and other scannerdependent parameters.

If you have performed a prescan, a dialog box will allow you to change scanning parameters such as the resolution and color mode. The parameters for position and dimensions are taken from the current position and size of the prescan window which you may have moved or resized following the prescan.

For more information about scanning options, refer to the documentation for the scanner driver.

Scan Image to TIFF File



This function is similar to the Scan Image into Frame command, previous. However, the image data is saved to a TIFF file (uncompressed format only) rather than being displayed in a frame. When you click the command icon, a file selector appears for you to enter a filename for the TIFF file. Every scanner driver has an option to save a scan as a TIFF file.

Image Color Calibration



This function is not present in every scanner driver. If the loaded scanner driver is capable of color calibration, it can be activated by clicking this icon.

This function allows you to alter the color planes of the scanned image. Depending on the features of the scanner, you may adjust the grayscale level or the intensity of the scanned image. For more information, see the documentation for your scanner driver.

Save Scanner Settings



This function will save the position and size of the prescan area as well as other parameters for the current scanner driver. These settings are automatically loaded the next time you use the Scanner module with the current scanner driver.

Copyright



Clicking this icon presents information about the Scanner module.

