Full credit is given to the above companies including the OS that this PDF file was generated!

Red Hat Enterprise Linux Release 9.2 Manual Pages on 'sane-leo.5' command

$ man sane-leo.5

sane-leo(5) SANE Scanner Access Now Easy sane-leo(5)

NAME

sane-leo - SANE backend for LEO Technologies scanners

DESCRIPTION

The sane-leo library implements a SANE (Scanner Access Now Easy) back?

end that provides access to some LEO SCSI flatbed scanners. This back?

end should be considered beta-quality software! LEO scanners were also

sold under the Across Technologies brand.

The scanners that should work with this backend are:

Vendor Model	status
Across FS-1130	tested
LEO S3	tested

The options the backend supports can either be selected through command

line options to programs like scanimage(1) or through GUI elements in

xscanimage(1) or xsane(1).

If you have any strange behavior, please report to the backend main?

tainer or to the SANE mailing list.

Valid command line options and their syntax can be listed by using

scanimage --help -d leo

Scan Mode

--mode selects the basic mode of operation of the scanner valid choices

are Black & White , Grayscale and Color The Black & White mode

is black and white only (1 bit). Grayscale will produce 256 lev?

els of gray (8 bits). Color will produce a 24 bits color image.

--resolution

selects the resolution for a scan. The scanner can do all reso?

lutions between 1 and 300, in increments of 1.

Geometry options

-l -t -x -y

control the scan area: -l sets the top left x coordinate, -t the top left y coordinate, -x selects the width and -y the height of the scan area. All parameters are specified in millimeters by default.

Enhancement options

--custom-gamma

(grayscale and color mode only) allows the user to specify a gamma table (see the next 3 parameters).

--red-gamma-table

(color mode only) can be used to download a user defined gamma table for the red channel. The table must be 256 bytes long.

--green-gamma-table

(color mode only) can be used to download a user defined gamma table for the green channel. The table must be 256 bytes long.

--blue-gamma-table

(color mode only) can be used to download a user defined gamma table for the blue channel. The table must be 256 bytes long.

--halftone

(Black & White only) select the halftone mask to use. Possible values are Diamond , 8x8 Coarse Fatting , 8x8 Fine Fatting , 8x8 Bayer and 8x8 Vertical Line

--preview

requests a preview scan. The resolution used for that scan is 28 dpi and the scan area is the maximum allowed. The scan mode is user selected. The default is "no".

The configuration file /etc/sane.d/leo.conf supports only one informa?

tion: the device name to use (eg /dev/scanner).

FILES

/usr/lib64/sane/libsane-leo.a

The static library implementing this backend.

/usr/lib64/sane/libsane-leo.so

The shared library implementing this backend (present on systems

that support dynamic loading).

ENVIRONMENT

SANE_DEBUG_LEO

If the library was compiled with debug support enabled, this en?

vironment variable controls the debug level for this backend.

E.g., a value of 128 requests all debug output to be printed.

Smaller levels reduce verbosity.

LIMITATIONS

The windows TWAIN driver has many more options than this SANE backend.

However they are only software adjustments. This backend only imple?

ments what the scanner can support.

SH BUGS None known.

SEE ALSO

sane-scsi(5), scanimage(1), xscanimage(1), xsane(1), sane(7)

AUTHOR

The package is actively maintained by Frank Zago.

http://www.zago.net/sane/#leo

11 Jul 2008 sane-leo(5)