Rocky Enterprise Linux 9.2 Manual Pages on command 'sane-leo.5'

$ 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) backend that provides ac‐

       cess to some LEO SCSI flatbed scanners. This backend 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 maintainer 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 mode will produce 256 levels of gray (8 bits). Color mode will

           produce a 24 bit color image.

--resolution

> selects the resolution for a scan. The scanner can do all resolutions 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 coordi?
>
> nate, -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".

CONFIGURATION FILE

> The configuration file /etc/sane.d/leo.conf supports only one information: the device name
>
> to use (eg /dev/scanner).

FILES

> /usr/lib/x86_64-linux-gnu/sane/libsane-leo.a
>
> The static library implementing this backend.

/usr/lib/x86_64-linux-gnu/sane/libsane-leo.so

The shared library implementing this backend (present on systems that support dy?

namic loading).

ENVIRONMENT

SANE_DEBUG_LEO

If the library was compiled with debug support enabled, this environment 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 implements what the scanner can support.

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

<div align="center">11 Jul 2008   sane-leo(5)</div>