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

$ man sane-sceptre.5

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

NAME

   sane-sceptre - SANE backend for SCEPTRE scanners

DESCRIPTION

   The sane-sceptre library implements a SANE (Scanner Access Now Easy)

   backend that provides access to Sceptre flatbed scanners. This backend

   should be considered beta-quality software! Please report any strange

   behavior to the maintainer of the backend or to the SANE mailing list.

   At present, only one scanner is known to work with this backend:

      Model   Connection Type

      ------------------------- ------------------

      Sceptre VividScan S1200   SCSI

   The make of this scanner is KINPO, so other scanners from that manufac?

   turer may also work (eg. the S600).

OPTIONS

   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).

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

      scanimage --help -d sceptre

   Scan Mode

   --mode Lineart|Halftone|Gray|Color

      Selects the basic mode of operation of the scanner. The Lineart

and Halftone mode are black and white only (1 bit).   Gray will

produce 256 levels of gray (8 bits). Color will produce a 24

bits color image. The scanner supports 30 bits internally but it

only exports 24.

--resolution 50..1200

Selects the resolution for a scan. The scanner can do several

resolutions between 50 and 1200.

--halftone-pattern 1|2|3|4

Selects the pattern mode that is used in Halftone mode.

--gamma-correction Default|User Defined|High Density Printing|Low den?

sity printing|High contrast printing

controls the scanner internal gamma correction.

--custom-gamma

Allows the user to specify a gamma table (see the next 3 parame?

ters). Color mode only.

--red-gamma-table

Can be used to download a user defined gamma table for the red

channel. The table must be 256 bytes long. Color mode only.

--green-gamma-table

Can be used to download a user defined gamma table for the green

channel. The table must be 256 bytes long. Color mode only.

--blue-gamma-table

Can be used to download a user defined gamma table for the blue

channel. The table must be 256 bytes long. Color mode only.

--threshold 0..255

Sets the threshold for black and white pixels in Lineart mode.

Possible values are from 0 (darker) to 255 (lighter).

--preview

Requests a preview scan. The resolution used for that scan is 30

dpi and the scan area is the maximum allowed. The scan mode is

user selected. The default is "no".

The 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.

CONFIGURATION FILE

The configuration file /etc/sane.d/sceptre.conf supports only one item:

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

FILES

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

The static library implementing this backend.

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

The shared library implementing this backend (present on systems

that support dynamic loading).

ENVIRONMENT

SANE_DEBUG_SCEPTRE

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

Resolutions

The windows TWAIN driver can be set to any resolution between 50

to 1200 (excluding software interpolation). This backend cannot.

Only a handful of resolution are available, although they should

be numerous enough.

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/#sceptre