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

$ man sane-coolscan.5

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

NAME

　　sane-coolscan - SANE backend for Nikon film-scanners

ABOUT THIS FILE

　　This file is a short description of the coolscan backend for SANE.

DESCRIPTION

　　The sane-coolscan library implements a SANE backend that provides the interface to the

　　following Nikon Coolscan Film scanners: Nikon LS20, LS30, LS1000, LS2000.

　　Even though the backend has worked for a number of people, there are still some problems,

　　especially in combination with some SCSI card/drivers (AHA-1505/aha152x.o) and the autofo?

　　cus command. You should consider this backend 'alpha' and be careful when using it the

　　first time.

CONFIGURATION

　　The configuration file for this backend resides in /etc/sane.d/coolscan.conf.

　　Its content is a list of device names that correspond to Nikon Coolscan scanners. Empty

　　lines and lines starting with a hash mark (#) are ignored. A sample configuration file is

　　shown below:

　　 #scsi Vendor Model Type

　　 scsi Nikon * Scanner

　　 /dev/scanner

　　The special device name must be a generic SCSI device or a symlink to such a device. To

　　find out to which device your scanner is assigned and how you can set the permissions of

　　that device, have a look at sane-scsi(5).

SCSI ADAPTER TIPS

Some SCSI-adapters and low-level SCSI drivers do not work correctly with this backend and the Coolscan scanners. These systems hang when the autofocus command is send to the Scan?ner. To see a list of which card/driver combinations work or don't work have a look at: http://andreas.rick.free.fr/sane/autofocus.html.

FILES

The backend configuration file:

/etc/sane.d/coolscan.conf

The static library implementing this backend:

/usr/lib/x86_64-linux-gnu/sane/libsane-coolscan.a

The shared library implementing this backend:

/usr/lib/x86_64-linux-gnu/sane/libsane-coolscan.so (present on systems that support dynamic loading)

ENVIRONMENT

SANE_DEBUG_COOLSCAN

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.

Examples:

On bash:

export SANE_DEBUG_COOLSCAN=8

On csh:

setenv SANE_DEBUG_COOLSCAN 8

BUGS

The autofocus command does not work with some SCSI card/driver combinations.

The gamma table is not implemented for the LS1000 yet.

The dust-removal is not working yet.

SEE ALSO

sane(7), sane-scsi(5)

http://andreas.rick.free.fr/sane/

The homepage of this backend.

http://www.sema.be/coolscan/

The original version of the coolscan backend by Didier.

THANKS TO

Didier Carlier - For writing the original Coolscan backend (without it I would not have

started this).

Oliver Rauch - For adapting xsane so quickly to the infrared stuff.

All the other people working on SANE.

AUTHOR

Andreas Rick

EMAIL-CONTACT

andreas.rick@free.fr