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### ***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 autofocus 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 Scanner. To see a list of which card/driver combinations work or don't work have a look at: <http://an.dreas.rick.free.fr/sane/autofocus.html>.

## FILES

The backend configuration file:

```
/etc/sane.d/coolscan.conf
```

The static library implementing this backend:

```
/usr/lib64/sane/libsane-coolscan.a
```

The shared library implementing this backend:

```
/usr/lib64/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

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13 Jul 2008

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