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

$ man sane-qcam.5

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

NAME

    sane-qcam - SANE backend for Connectix QuickCam cameras

DESCRIPTION

    The sane-qcam library implements a SANE (Scanner Access Now Easy) backend that provides

    access Connectix QuickCam cameras.

DEVICE NAMES

    This backend expects device names of the form:

        port

    where port is the I/O port address at which the device resides. This address is normally

    specified in hexadecimal using C syntax (e.g., 0x37b) and may be prefixed with the letter

    "u" (e.g., u0x37b) to force the backend to access the camera in uni-directional mode.

CONFIGURATION

    The contents of the qcam.conf file is a list port addresses that may be connected to a

    Connectix QuickCam.   Empty lines and everything starting from a hash mark (#) up to the

    end of a line are ignored. A sample configuration file is shown below:

```
0x37b  # /dev/lp0

0x378  # /dev/lp1

u0x278 # /dev/lp2 forced in uni-directional mode

0x3bc  # /dev/lp0 (alternate address)
```

In general, it is safest to list only the port addresses that really correspond to a
QuickCam. For example, if one of the listed addresses actually connect to a printer, then
starting up this backend will cause the printer to perform a device reset (which is gener?
ally undesirable).

FILES

/etc/sane.d/qcam.conf

The backend configuration file (see also description of SANE_CONFIG_DIR below).

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

The static library implementing this backend.

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

The shared library implementing this backend (present on systems that support dy?
namic loading).

ENVIRONMENT

SANE_CONFIG_DIR

This environment variable specifies the list of directories that may contain the
configuration file.   On *NIX systems, the directories are separated by a colon
(`:'), under OS/2, they are separated by a semi-colon (`;'). If this variable is
not set, the configuration file is searched in two default directories: first, the
current working directory (".") and then in /etc/sane.d. If the value of the envi?
ronment variable ends with the directory separator character, then the default di?
rectories are searched after the explicitly specified directories.   For example,
setting SANE_CONFIG_DIR to "/tmp/config:" would result in directories tmp/config,
., and /etc/sane.d being searched (in this order).

SANE_DEBUG_QCAM

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.

AUTHOR

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BUGS

Support is currently limited to the color version of the QuickCam.   The black-and-white camera is starting to work too, but I don't believe it works in all cases yet. Report? edly, acquiring images of certain sizes work fine, but others result in shifted images (sounds like a problem due to byte-padding).

The program needs root-privileges since it needs to be able to access the camera's I/O ports.

SEE ALSO

sane(7)