Rocky Enterprise Linux 9.2 Manual Pages on command 'sane-u12.5'

$ man sane-u12.5

sane-u12(5)   SANE Scanner Access Now Easy   sane-u12(5)

NAME

    sane-u12 - SANE backend for Plustek USB flatbed scanners, based on older parport designs

DESCRIPTION

    The sane-u12 library implements a SANE (Scanner Access Now Easy) backend that provides ac?

    cess to USB flatbed scanners based on Plusteks' ASIC 98003 (parallel-port ASIC) and a

    GeneSys Logics' USB-parport bridge chip.

SUPPORTED DEVICES

    The backend is able to support some early Plustek USB scanners that based their old par?

    port design around the ASIC 98003 and other rebadged Plustek devices. The following tables

    will give you a short overview.

    If your Plustek scanner has another Product ID, then the device is NOT supported by this

    backend.

    Vendor Plustek - ID: 0x07B3

Model:	Vendor-ID:	Product-ID:
OpticPro U12	0x07B3	0x0001
OpticPro U1212	0x07B3	0x0001
OpticPro UT12	0x07B3	0x0001

    Vendor KYE/Genius

USB Model:	Vendor-ID:	Product-ID:

ColorPage Vivid III USB 0x07B3   0x0001

ColorPage HR6 V1   0x0458   0x2004

CONFIGURATION

To use your scanner with this backend, you need at least two entries in the configuration

file /etc/sane.d/u12.conf

    [usb] vendor-id product-id

    device /dev/usbscanner

[usb] tells the backend, that the following devicename (here /dev/usbscanner) has to be

interpreted as USB scanner device. If vendor- and product-id has not been specified, the

backend tries to detect this by its own. If device is set to auto then the next matching

device is used.

The Options:

option warmup t

    t specifies the warmup period in seconds

option lampOff t

    t is the time in seconds for switching off the lamps in standby mode

option lOffonEnd b

    b specifies the behaviour when closing the backend, 1 --> switch lamps off, 0 -->

    do not change lamp status

See the u12.conf file for examples.

Note: You have to make sure, that the USB subsystem is loaded correctly and you have ac?

cess to the device-node. For more details see sane-usb(5) manpage. You might use

sane-find-scanner(1) to check that you have access to your device.

Note:

If there's no configuration file, the backend defaults to device auto

FILES

/etc/sane.d/u12.conf

    The backend configuration file

/usr/lib/x86_64-linux-gnu/sane/libsane-u12.a

    The static library implementing this backend.

/usr/lib/x86_64-linux-gnu/sane/libsane-u12.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_U12

If the library was compiled with debug support enabled, this environment variable
controls the debug level for this backend. Higher debug levels increase the ver?
bosity of the output.

Example: export SANE_DEBUG_U12=10

SEE ALSO

sane(7), sane-usb(5), sane-plustek(5), sane-find-scanner(1), xscanimage(1), scanimage(1)

/usr/share/doc/libsane/u12/U12.changes

CONTACT AND BUG-REPORTS

Please send any information and bug-reports to:

SANE Mailing List

Additional info and hints can be obtained from our

Mailing-List archive at:

http://www.sane-project.org/mailing-lists.html

To obtain debug messages from the backend, please set the environment-variable SANE_DE?

BUG_U12 before calling your favorite scan-frontend (i.e. xscanimage(1)), i.e.:

export SANE_DEBUG_U12=20 ; xscanimage

The value controls the verbosity of the backend.

KNOWN BUGS & RESTRICTIONS

* The driver is in alpha state, so please don't expect too much!!!

* When using libusb, it might be, that the backend hangs. In that case, reconnect the

scanner.