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

$ man sane-lexmark.5

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

NAME

   sane-lexmark - SANE backend for Lexmark X1100/X1200 Series scanners

DESCRIPTION

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

   access to the scanner part of Lexmark X1100/X1200 AIOs. This backend should be considered

   beta-quality software!

   The scanners that should work with this backend are:

        Vendor Model   status

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       Lexmark X74   good

       Lexmark X1110   untested

       Lexmark X1140   untested

       Lexmark X1150   good

       Lexmark X1170   good

       Lexmark X1180   good

       Lexmark X1185   complete

       Lexmark X12xx   good in USB1.1,

                     not fully tested in USB2.0

       Dell   A920   good

   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).

   If you notice any strange behavior, please report to the backend maintainer or to the SANE

mailing list.

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

scanimage --help -d lexmark:usb:<usb port>

Scan Mode Options

--mode selects the basic mode of operation of the scanner. Valid choices are Color, Gray
and Lineart. The default mode is Color. The Lineart mode is black and white only
(1 bit).   Gray mode will produce 256 levels of gray (8 bits). Color mode allows
for over 16 million different colors produced from 24 bits of color information.

--resolution

selects the resolution for a scan. The horizontal and vertical resolutions are set
by the value of this option. The scanner is capable of the following resolutions
for the specified option value:

Value   Hor. Resolution Vert. Resolution

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75   75dpi   75dpi

150   150dpi   150dpi

300   300dpi   300dpi

600   600dpi   600dpi

1200   600dpi   1200dpi (only for X11xx models with 'B2' sensor)

--preview

requests a preview scan. The resolution used for that scan is 75 dpi and the scan
area and the scan mode are as specified through their options, or the default if
not specified. The default value for preview mode is "no".

--threshold

selects the minimum-brightness to get a white point. The threshold is only used
with Lineart mode scans. It is specified as a percentage in the range 0..100% (in
steps of 1). The default value of the threshold option is 50.

CONFIGURATION FILE

The configuration file /etc/sane.d/lexmark.conf contains only the usb device id (eg usb
0x043d 0x007c).

FILES

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

The static library implementing this backend.

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

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

ENVIRONMENT

>SANE_DEBUG_LEXMARK
>
>>If the library was compiled with debug support enabled, this environment variable
>>
>>controls the debug level for this backend. E.g., a value of 255 requests all debug
>>
>>output to be printed. Smaller levels reduce verbosity.
>
>SANE_DEBUG_LEXMARK_LOW
>
>>Provides debug output for low level Lexmark functions.

LIMITATIONS

>The windows TWAIN driver has many more options than this SANE backend. However they are
>
>only software adjustments. This backend only implements what the scanner can support. For
>
>instance, shading correction (vertical stripes due to sensor variation across its width)
>
>is done in software. Head park position is also detected by software. The data compres?
>
>sion isn't supported for the X1200 series on USB 1.1, leading to slow scans.

BUGS

>No bugs currently known.

SEE ALSO

>sane-scsi(5), scanimage(1), xscanimage(1), xsane(1), sane(7)

AUTHOR

>The backend was originally written by Fred Odendaal.
>
>>http://ca.geocities.com/freshshelf@rogers.com/
>
>The new version is currently developed by St?phane Voltz.
>
>>http://stef.dev.free.fr/sane/lexmark
>
>X74 support was written by Torsten Houwaart
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>
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>>
>>sion.