

NAME

sane-sm3840 – SANE backend for Microtek scanners with SCAN08 USB chip

DESCRIPTION

The **sane-sm3840** library implements a SANE (Scanner Access Now Easy) backend that provides access to some Microtek scanners with the SCAN08 USB chip.

There exist backends for Microtek scanners with SCSI command set. Refer to sane-microtek(5) and sane-microtek2(5) for details.

There also exists a Microtek 3600 series driver, see sane-sm3600(5) for details.

At present, the following scanners are known positively to work with this backend:

Vendor	Product ID:	Remark:
-----	-----	-----
Microtek	ScanMaker 3840	All modes OK
Microtek	ScanMaker 4800	All modes OK

If you own a Microtek scanner with the SCAN08 chip other than the ones listed above, it may or may not work with SANE. Feel free to contact the backend author (earle@ziplabel.com) to report results with scanners not on the list.

FRONTEND OPTIONS

The following options are supported by the sm3840-driver:

--mode color|gray|lineart|halftone

Color or grayscale mode.

--resolution 150|300|600|1200

Pixels per inch for scans.

--depth 8|16

Note that the least significant bits of 16bpp mode may be noise.

--brightness 1..4096

Higher numbers increase brightness of returned image.

--contrast 0.1..9.9

Larger numbers decrease contrast of returned image.

--lamp-timeout 1..15

Time in minutes until the lamp is turned off after a scan.

CONFIGURATION

This backend does not support a configuration file right now.

FILES

@LIBDIR@/libsane-sm3840.a

The static library implementing this backend.

@LIBDIR@/libsane-sm3840.so

The shared library implementing this backend (present on systems that support dynamic loading).

ENVIRONMENT**SANE_DEBUG_SM3840**

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. To see error messages on stderr set SANE_DEBUG_SM3840 to 1.

SEE ALSO

sane-microtek2(5), sane-sm3600(5), <http://www.ziplabel.com/sm3840>

AUTHOR

Earle F. Philhower III (earle@ziplabel.com)