

**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:
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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](mailto: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**

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