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*) to report results with scanners not on the list.

FRONTEND OPTIONS

The following options are supported by the **sane−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

/usr/lib/x86_64-linux-gnu/sane/libsane−sm3840.a
The static library implementing this backend.

/usr/lib/x86_64-linux-gnu/sane/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(7), **sane−microtek**(5), **sane−microtek2**(5), **sane−sm3600**(5)
http://www.ziplabel.com/sm3840

AUTHOR

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