

NAME

sane-umax1220u – SANE backend for the UMAX Astra 1220U and similar scanners

DESCRIPTION

The **sane-umax1220** library implements a SANE (Scanner Access Now Easy) backend for the the UMAX Astra 1220U and similar scanners.

For more information on this backend, please visit <http://umax1220u-sane.sourceforge.net/>.

UMAX ASTRA 1600U/2000U/2100U SUPPORT

This backend is also able to drive the UMAX Astra 1600U/2000U/2100U. The 2100U is confirmed to work. For the other scanners no reports have been received yet. Please contact us and tell us if your scanner works (sane-devel@alioth-lists.debian.net).

CONFIGURATION

Usually, no manual configuration is necessary. The configuration file for this backend resides in *@CONFIGDIR@/umax1220u.conf*.

Its contents is a list of device names that correspond to UMAX Astra scanners. Empty lines and lines starting with a hash mark (#) are ignored. A sample configuration file is shown below:

```
#usb vendor product
usb 0x1606 0x0010
# Device list for non-linux systems
/dev/scanner
/dev/usb/scanner0
```

See sane-usb(5) for information on how to set the access permissions on the usb device files.

FILES

The backend configuration file:

@CONFIGDIR@/umax1220u.conf

The static library implementing this backend:

@LIBDIR@/libsane-umax1220u.a

The shared library implementing this backend:

@LIBDIR@/libsane-umax1220u.so (present on systems that support dynamic loading)

ENVIRONMENT**SANE_DEBUG_UMAX1220U**

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:

SANE_DEBUG_UMAX1220U values

Number	Remark
1	print failures
2	print information
3	print high-level function calls
4	print high-level function checkpoints
9	print mid-level function calls
10	print mid-level function checkpoints

```
80      print protocol-level function entry
90      print protocol-level function exit
```

Example:

```
export SANE_DEBUG_UMAX1220U=10
```

KNOWN BUGS

600 dpi scanning may fail for large image sizes.

If you keep getting I/O errors, try cycling the power on your scanner to reset it.

There is no way to cancel a scan, since the driver ignores sane_cancel().

If you try scanning an image which is too small, you will get I/O errors. Be sure to adjust the scan area before doing a scan, since by default, the scan area is zero.

SEE ALSO

sane(7), sane-usb(5)

(Old) homepage:

<http://umax1220u-sane.sourceforge.net/>

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REPORTING BUGS

This backend isn't actively maintained. Nevertheless, bug reports and comments should be sent to the sane-devel mailing list. When reporting bugs, please run the backend with SANE_DEBUG_UMAX1220U set to 10 and attach a copy of the log messages.