NAME
    sisusb – SiS USB video driver

SYNOPSIS
    Section "Device"
      Identifier "*devname***"**
      Driver "sisusb"
      ...
    EndSection

DESCRIPTION
    sisusb is an Xorg driver for SiS (Silicon Integrated Systems) video chips that are connected via a
    Net2280-based USB dongle. The driver is not accelerated, but provides support for colordepths of 8, 16 and
    24 bpp as well as Render and other extensions.

SUPPORTED HARDWARE
    The **sisusb** driver supports USB video cards based on the following chipsets:

    SiS315E/PRO

    The SiS315E/PRO features two CRT controllers. However, in its USB version, only the first output,
    referred to as "CRT1", is being used.

CONFIGURATION DETAILS
    Please refer to xorg.conf(5) for general configuration details and to sis(4) for more information. This man-
    page only covers a subset of the supported options.

    Detailed information on all supported options can be obtained at http://www.winischhofer.at/linuxsisusb-
    vga.shtml

    Please note that this driver requires a Linux kernel driver as well which is included in Linux 2.6.12 and
    later, as well as available at the aforementioned website.

    The following driver **Options** are supported:

    Option "HWCursor" "*boolean***"**
            Enable or disable the hardware cursor. It is not recommended to disable the hardware cursor as
            this will increase the amount of data transferred over the USB. Default: HWCursor is on.

    Option "SWCursor" "*boolean***"**
            The opposite of HWCursor. This enables or disables the software cursor. This sort of cursor is
            slower because the pointer must be painted into the graphics display. This increases the amount of
            data transferred over the USB significantly. Default: SWCursor is off.

    Option "CRT1Gamma" "*boolean***"**
            Enable or disable gamma correction. Default: Gamma correction is on.

    Option "DisconnectTimeout" "*integer***"**
            This option determines how the driver will react to a disconnection of the USB device. If the inte-
            ger supplied is -1, the driver will abort the X server immediately upon disconnection. If the value
            given is 0, the driver will probe for a re-connection every 2 seconds and in case the device is
            detected, re-establish the display. If the value is greater than 0, the driver will do this re-probing
            within the given number of seconds and abort the server if it does not detect the device within this
            time-out. Default: 0 (probe forever for device reconnection).

KNOWN BUGS
    none.

SEE ALSO
    Xorg(1), xorg.conf(5), Xserver(1), X(7), sis(4)

    http://www.winischhofer.at/linuxsisvga.shtml for more information and updates

AUTHORS
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