

NAME

hpen - MS Windows compatible HID pen tablet driver

SYNOPSIS

To compile this driver into the kernel, place the following lines in your kernel configuration file:

```
device hpen  
device hid  
device hidbus  
device hidmap  
device evdev
```

Alternatively, to load the driver as a module at boot time, place the following line in loader.conf(5):

```
hpen_load="YES"
```

DESCRIPTION

The **hpen** driver provides support for generic MS Windows compatible HID pen tablet and digitizer that attach to the HID transport backend. See `iichid(4)` or `usbhid(4)`.

The `/dev/input/event*` device presents the pen as a `evdev` type device.

SYSCTL VARIABLES

The following variable is available as both `sysctl(8)` variable and `loader(8)` tunable:

dev.hpen.X.debug

Debug output level, where 0 is debugging disabled and larger values increase debug message verbosity. Default is 0.

It's default value is set with `loader(8)` tunable:

hw.hid.hpen.debug

FILES

`/dev/input/event*` input event device node.

SEE ALSO

`iichid(4)`, `usbhid(4)`, `xorg.conf(5)` (*ports/x11/xorg*)

BUGS

hpen cannot act like `sysmouse(4)`.

Pen battery charge level reporting is not supported.

HISTORY

The **hpen** driver first appeared in FreeBSD 13.0.

AUTHORS

The **hpen** driver was written by Val Packett <val@packett.cool>.

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