

**NAME**

**fwip** - IP over FireWire driver

**SYNOPSIS**

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

```
device firewire  
device fwip
```

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

```
firewire_load="YES"  
if_fwip_load="YES"
```

**DESCRIPTION**

The **fwip** driver provides standard IP over FireWire (IEEE 1394) based on the protocols described in RFC 2734 and RFC 3146.

The firewire(4) and fwohci(4) drivers must be configured in the kernel as well.

This driver supports polling(4) as well if it is compiled with the DEVICE\_POLLING option.

**SEE ALSO**

arp(4), firewire(4), fwe(4), fwohci(4), netintro(4), polling(4), ifconfig(8), kldload(8), sysctl(8)

**HISTORY**

The **fwip** device driver first appeared in FreeBSD 5.3.

**AUTHORS**

The **fwip** driver and this manual page were written by Doug Rabson, based on earlier work by Hidetoshi Shimokawa.

**BUGS**

This driver currently does not support the MCAP protocol for multicast IP over FireWire. Multicast packets are treated as broadcast packets which is sufficient for most trivial uses of multicast.