

**NAME**

**ubsa** - USB support for Belkin serial adapters

**SYNOPSIS**

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

```
device usb
device ucom
device ubsa
```

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

```
ubsa_load="YES"
```

**DESCRIPTION**

The **ubsa** driver provides support for the USB-to-RS232 Bridge chip used by a variety of serial adapters from Belkin and other vendors.

The device is accessed through the ucom(4) driver which makes it behave like a tty(4).

**HARDWARE**

The **ubsa** driver supports the following adapters:

- ⊕ AnyData ADU-500A EV-DO modem
- ⊕ AnyData ADU-E100A (no EV-DO mode support)
- ⊕ Belkin F5U103
- ⊕ Belkin F5U120
- ⊕ e-Tek Labs Kwik232
- ⊕ GoHubs GoCOM232
- ⊕ Peracom single port serial adapter

**FILES**

*/dev/ttyU\** for callin ports

*/dev/ttyU\*.init*

*/dev/ttyU\*.lock*

corresponding callin initial-state and lock-state devices

*/dev/cuaU\** for callout ports

*/dev/cuaU\*.init*

*/dev/cuaU\*.lock*

corresponding callout initial-state and lock-state devices

### SEE ALSO

tty(4), ucom(4), usb(4)

### HISTORY

The **ubsa** driver appeared in FreeBSD 5.0. The `uplcom(4)` manual page was adopted from NetBSD by Tom Rhodes <[trhodes@FreeBSD.org](mailto:trhodes@FreeBSD.org)> in April 2002 and modified for the **ubsa** driver by Alexander Kabaev <[kan@FreeBSD.org](mailto:kan@FreeBSD.org)> in October 2002.

### AUTHORS

The **ubsa** driver was written by Alexander Kabaev <[kan@FreeBSD.org](mailto:kan@FreeBSD.org)>.