

sysfs-bus-usb-devices-usbsevseg..txt

Where: /sys/bus/usb/.../powered  
Date: August 2008  
Kernel Version: 2.6.26  
Contact: Harrison Metzger <harrisonmetz@gmail.com>  
Description: Controls whether the device's display will powered.  
A value of 0 is off and a non-zero value is on.

Where: /sys/bus/usb/.../mode\_msb  
Where: /sys/bus/usb/.../mode\_lsb  
Date: August 2008  
Kernel Version: 2.6.26  
Contact: Harrison Metzger <harrisonmetz@gmail.com>  
Description: Controls the devices display mode.  
For a 6 character display the values are  
MSB 0x06; LSB 0x3F, and  
for an 8 character display the values are  
MSB 0x08; LSB 0xFF.

Where: /sys/bus/usb/.../textmode  
Date: August 2008  
Kernel Version: 2.6.26  
Contact: Harrison Metzger <harrisonmetz@gmail.com>  
Description: Controls the way the device interprets its text buffer.  
raw: each character controls its segment manually  
hex: each character is between 0-15  
ascii: each character is between '0'-'9' and 'A'-'F'.

Where: /sys/bus/usb/.../text  
Date: August 2008  
Kernel Version: 2.6.26  
Contact: Harrison Metzger <harrisonmetz@gmail.com>  
Description: The text (or data) for the device to display

Where: /sys/bus/usb/.../decimals  
Date: August 2008  
Kernel Version: 2.6.26  
Contact: Harrison Metzger <harrisonmetz@gmail.com>  
Description: Controls the decimal places on the device.  
To set the nth decimal place, give this field  
the value of  $10 ** n$ . Assume this field has  
the value k and has 1 or more decimal places set,  
to set the mth place (where m is not already set),  
change this fields value to  $k + 10 ** m$ .