

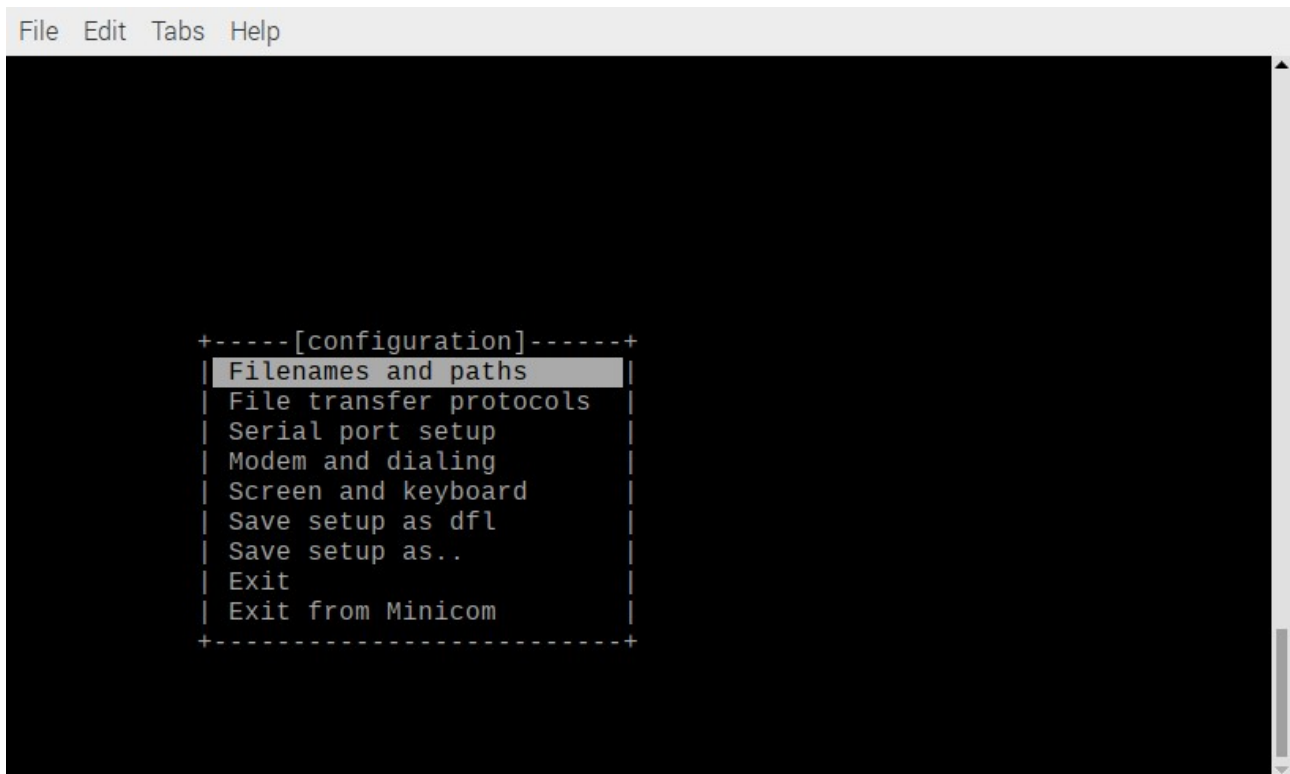
*****Draft*****

Pico Lifting Step Data Serial Transfers

11/07/21

*****Draft*****

“sudo minicon -s”



Scroll down to “Serial port setup”

```
File Edit Tabs Help

+-----[configuration]-----+
| Filenames and paths         |
| File transfer protocols     |
| Serial port setup           |
| Modem and dialing           |
| Screen and keyboard         |
| Save setup as dfl           |
| Save setup as..             |
| Exit                         |
| Exit from Minicom           |
+-----+-----+

```

Depress Enter

Configure ttyUSB0

```
File Edit Tabs Help

+-----+-----+
| A - Serial Device           : /dev/ttyUSB0 |
| B - Lockfile Location       : /var/lock    |
| C - Callin Program          :              |
| D - Callout Program         :              |
| E - Bps/Par/Bits            : 1000000 8N1  |
| F - Hardware Flow Control   : No           |
| G - Software Flow Control   : No           |
|                              |
| Change which setting? █    |
+-----+-----+
| Screen and keyboard         |
| Save setup as dfl           |
| Save setup as..             |
| Exit                         |
| Exit from Minicom           |
+-----+-----+

```

Depress Enter

Scroll down to "Exit"

```
File Edit Tabs Help

+-----[configuration]-----+
| Filenames and paths         |
| File transfer protocols     |
| Serial port setup           |
| Modem and dialing           |
| Screen and keyboard         |
| Save setup as dfl           |
| Save setup as..             |
| Exit                         |
| Exit from Minicom           |
+-----+


```

Depress Enter

```
File Edit Tabs Help

Welcome to minicom 2.7.1

OPTIONS: I18n
Compiled on Aug 13 2017, 15:25:34.
Port /dev/ttyUSB0, 06:41:25

Press CTRL-A Z for help on special keys


```

The file “r.bin” will be sent. The file needs to be in /root folder.

Depress “ctrl A S”

```
File Edit Tabs Help

Welcome to minicom 2.7.1

OPTIONS: I18n
Compiled on Aug 13 2017, 15:25:34.
Port /dev/ttyUSB0, 06:41:25

Press CTRL-A Z for help on sp| +-[Upload]--+
                               | zmodem      |
                               | ymodem      |
                               | xmodem      |
                               | kermit      |
                               | ascii      |
                               +-----+

CTRL-A Z for help | 1000000 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | yUSB0
```

Scroll down to ascii.

```
File Edit Tabs Help

Welcome to minicom 2.7.1

OPTIONS: I18n
Compiled on Aug 13 2017, 15:25:34.
Port /dev/ttyUSB0, 06:41:25

Press CTRL-A Z for help on special keys
+-[Upload]--+
| zmodem      |
| ymodem     |
| xmodem     |
| kermit     |
| ascii      |
+-----+

CTRL-A Z for help | 10000000 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | yUSB0
```

Depress Enter

```
File Edit Tabs Help

We+-----[Select a file for upload]-----+
|Directory: /root
OP|[..]
Co| [.cache]
Po| [.config]
  | [.local]
Pr| [.ssh]
  | [.vnc]
  | .bash_history
  | .bash_history-01185.tmp
  | .bashrc
  | .lessht
  | .profile
  | dead.letter
  | minicom.log
  | myfilt.bin
  | mysig.bin
  |
  | ( Escape to exit, Space to tag )
+-----+

[Goto] [Prev] [Show] [Tag] [Untag] [Okay]

CTRL-A Z for help | 10000000 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | yUSB0
```

scroll down to “r.bin”

```
File Edit Tabs Help
We+-----[Select a file for upload]-----+
|Directory: /root
OP| [.ssh]
Co| [.vnc]
Po| .bash_history
| .bash_history-01185.tmp
Pr| .bashrc
| .lessht
| .profile
| dead.letter
| minicom.log
| myfilt.bin
| mysig.bin
| r.bin
| raster-b.img
| raster-b.img.gz
| ultibo.img
|
| ( Escape to exit, Space to tag )
+-----+
[Goto] [Prev] [Show] [Tag] [Untag] [Okay]
CTRL-A Z for help | 1000000 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | yUSB0
```

Depress Enter. The transfer will begin.

```
File Edit Tabs Help

Welcome to minicom 2.7.1

OPTIONS: I18n
Compiled on Aug 13 2017, 15:25:34.
Port /dev/ttyUSB0, 06:41:25
+-----[ascii upload - Press CTRL-C to quit]-----+
Press CTRL|ASCII upload of "r.bin"
|
|2300.2 Kbytes transferred at 102410 CPS|
|
+-----+

CTRL-A Z for help | 1000000 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | yUSB0
```

When the file is sent.

```
File Edit Tabs Help

Welcome to minicom 2.7.1

OPTIONS: I18n
Compiled on Aug 13 2017, 15:25:34.
Port /dev/ttyUSB0, 06:41:25
+-----[ascii upload - Press CTRL-C to quit]-----+
Press CTRL|ASCII upload of "r.bin"
|
|16384.0 Kbytes transferred at 99864 CPS... Done.
|
| READY: press any key to continue...|
|
+-----+

CTRL-A Z for help | 1000000 8N1 | NOR | Minicom 2.7.1 | VT102 | Offline | yUSB0
```