

# Picomotor 8742 Firmware Version 3.0.3 Bug

New port Picomotor Controller/Driver Model 8742 is used in few facilities and projects in SLAC, which also has EPICS driver for it.

The common start st.cmd file is in `motion/motion-git/iocBoot/common/init_pico_fmV303.cmd`

For the picomotor 8742 there are many versions of firmware. In Firmware 3.0.4, the update Release notes said:

VERSION 3.04 September 09, 2016

Fixes: Allows a `\n` or `\r` character to terminate a command on the telnet interface, rather than just a `\r` character.

Which means before firmware 3.0.4, the terminate character can only be `"\r"` but not `"\n"` or `"\n\r"`

In `init_pico_fmV303.cmd`, I have already modified the terminate character to `"\r"` so the picomotor ioc can operate successfully.