

[UPDATED] Requirements for ADDI-DATA Incremental Counter

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Ernest writes:

- > Please ensure that you support all channels of the board
- > Not just one channel

I updated the requirements to include 1-4 channels.

Thanks,
-caf

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Requirements for ADDI-DATA Incremental Counter

Hardware interface:

- Differential encoder inputs
- 5V TTL trigger input
- 1-4 quadrature encoded axes

Software interface:

- EPICS asyn port driver
- Real-time asynchronous position capture
- 32-bit counter
- Get/set counter value
- Enable/disable interrupts
- Detect buffer overrun

Performance:

- Up to 120 Hz trigger rate
- Asynchronous input without signals
- Ring buffer in kernel memory

Linux compatibility:

- Kernel version 3.18
- Compiled with buildroot makefiles

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