

**Williams, Howard [CT005]**

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**From:** Jon Robichaud <jrobichaud@gibsonengineering.com>  
**Sent:** Tuesday, February 2, 2021 11:34 AM  
**To:** Williams, Howard [CT005]; Carlisle, Andrew  
**Cc:** Bryon Sol; Gibson Engineering Technical Support; Bart Cerasuolo  
**Subject:** [EXTERNAL] IAI Supporting information

Hi Guy and Andrew,

Thank you for the time this morning. As discussed, we are here to help throughout the entire process. Fortunately, IAI is one of the easiest product lines we have for configuration and programming and we have lots of experience, should you need help.

Please don't spend any unnecessary time struggling, reach out to us anytime, 781.769.3600 and [techsupport@gibsonengineering.com](mailto:techsupport@gibsonengineering.com).

As promised, please find the information below. I have included links to videos, manuals, and helpful information.

[IAI YouTube Channel](#)

[IAI - EthernetIP for multi-axis 'How'To' Video](#)

All IAI Manuals are available for free download at the IAI [Website](#). For quicker reference, here is a list of links to the most helpful manuals for this specific project:

[RCON Brochure/DataSheet](#)

[RCON Instruction Manual](#)

[RCP6CR-SA4C Actuator Manual](#)

[RCA2CR-GD3NB Actuator Manual](#)

[IAI AOI & UDT Download and Manual](#) - RCON uses MSEP convention

Also, we confirmed that you can disable the jog buttons on the front of the driver boards via parameter 194:

## Jog switch

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A switch for jog operation. I indicates the 1st axis, and II indicates the 2nd axis

Tilt the switch to the JOG+ side to perform jog operation in the + direction, and for jog operation in the - direction. Tilting the switch further increases the jog speed. However, if home return is not complete, the jog speed will be home return speed. When performing jog operation with the JOG switch with servo ON, the servo will stop after completion; with servo OFF, perform jog operation after servo ON and the servo will stop after completion.

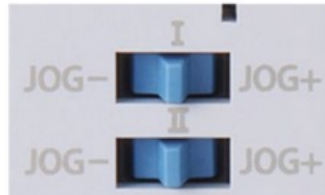
Note that the operation of the jog switch is enabled only in MANU teaching mode and in MANU monitor mode and AUTO mode.

The jog switch is also disabled when opening the screen in which the actuator is being operated with the teaching tool. When opening the screen in which operation can be done with the jog switch, the actuator will decelerate and stop.

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If parameter No. 194 "JOG Switch" is set to "1", this switch will be enabled (Initial Value".)

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I will work on getting the quote updated and revisions sent.

Thank you again for your time. We look forward to working on this project with you!

Jon

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