

To: All customers and all distributors

**Production-Discontinuation: MSCON**

February 2023

Dear Sir and Madam,

Thank you for being our valued customer. We appreciate your continued business and support.

Due to difficulty of continuing to produce the following models, we regret to announce herewith a production discontinuation.

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|-------------------------------|--|
| 1. Affected model             | : MSCON  |
| 2. Reason for discontinuation | : Difficult availability of the CPU and electric components used in this product and the availability of the successor model                 |
| 3. Successor models           | : RCON-GW+RCON-SC<br>Please find the next page for the detail. One each unit of RCON-PS2 and RCON-TRS will be required for each RCON system. |
| 4. Order cutoff date          | : 22 September 2023  |
| 5. Repair service cutoff date | : 23 September 2023<br>* We may have to stop the service earlier if the corresponding spare parts are no longer available.                   |

We sincerely apologize for any inconvenience caused by the discontinuation of the products and ask for your understanding and cooperation.

Best regards,

IAI Industrieroboter GmbH  
Ober der Röth 4  
65824 Schwalbach am Taunus  
Tel.: +49-6196-8895-0, Fax: +49-6196-8895-24  
E-Mail: [info@iai-automation.com](mailto:info@iai-automation.com), Web: [iai-automation.com](http://iai-automation.com)

## Differences between MSCON and RCON-GW+RCON-SC

1. Product and mounting dimensions are different.
2. Parameter file and backup file are different.
  - RC PC-software can convert the position data from MSCON to RCON.
  - TB-02/03 doesn't support conversion.
3. Motor cable is different and needs to be replaced. Please refer to the latest R-Unit catalog for details.
4. Wiring for power supply and emergency stop circuit is different.
5. Following actuators are not supported by RCON-SC.
  - Actuator with the absolute encoder with backup battery
  - Actuator with motor less than 60W (except RS)
6. RCON does not support motor voltage of 115 V AC.
7. Of the field network modes, the remote I/O mode is not available with RCON.
8. Fieldnetwork CompoNet is not supported by RCON.
9. Fieldnetwork modules are different.
  - Except CC-Link, EtherCAT and PROFINET, field network configuration data need to be changed.
10. The number of position points: 256 points in MSCON -> 128 points in RCON
11. "Command area" is not available with RCON.
12. For RCON, Anti-Vibration Mode is not available in the "Direct numeric specification mode" of the field network mode
13. Multi-drop connection is not available with RCON.
14. After the power of the controller is turned on, it takes 4 seconds longer with RCON until the Rdy signal is output(Depends on the environment)
15. It is not possible with RCON to cut off the brake power individually.
16. Old teaching pendants are not compatible with RCON.
  - CON-T, CON-PT, CON-PTA, TB-01, and RCM-PM-01 are not compatible.

## Compatibility with RCON-GW+RCON-SC

- Serial communication via RS485 interface
- Encoder cable