

# ChangeLog - IOMOD firmware version

Firmware release notes. - known issues; - new features; - release dates; - links to firmware files.

- IOMod IEC 60870-5-101 Slave firmware change-log
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# IOMod IEC 60870-5-101 Slave firmware change-log

Elseta IOMod series devices support's IEC 60870-5-101 Slave protocol.



This firmware can be used for IOMod series devices: IOMod 8DI8DO v1.x, IOMod 16DI v1.x, IOMod 8AI v1.x, IOMod 4RTD v1.x, IOMod HT v1.x



This version does not support IOMod 4Cs4Vs model.

Firmware	Version	Release Date	Changes
IOMOD_IEC_101_v1.0.3.bin	v1.0.3	2023-07-28	<ul style="list-style-type: none"><li>added 8DI4RO support</li></ul>
IOMOD_IEC_101_v1.0.bin	v1.0	2021-11-10	<ul style="list-style-type: none"><li>Initial version of IEC 60870-5-101 slave support on IOMod series devices</li></ul>

# IOMod IEC 60870-5-103 Slave firmware change-log

Elseta IOMod series devices support's IEC 60870-5-103 Slave protocol.



This firmware can be used for IOMod series devices: IOMod 8DI8DO v1.x, IOMod 16DI v1.x, IOMod 8AI v1.x, IOMod 4RTD v1.x, IOMod HT v1.x



This version does not support IOMod 4Cs4Vs model.

Firmware	Version	Release Date	Changes
IOMOD_IEC_103_v1_8_5.bin	v1.8.5	2023-07-28	<ul style="list-style-type: none"><li>added 8DI4RO support</li></ul>
IOMOD_IEC_103_1_8_1.bin	v1.8.1	2020-07-01	<ul style="list-style-type: none"><li>Fixed SPI readings for IOMod 8AI by lowering SPI clock speed to 400kHz</li></ul>
IOMOD_IEC_103_1_8_0.bin	v1.8.0	2019-08-23	<ul style="list-style-type: none"><li>Fixed crash introduced by a higher range of temperatures (&gt;40 C)</li><li>Only commands with correct address confirmed;</li><li>Feedback should only be sent after a command, not after GI or manual input change</li><li><u>Known issue</u> 8AI cannot ready data properly via SPI</li></ul>
IOMOD_IEC_103_v1.7.3.bin	v1.7.3	2019-01-30	<ul style="list-style-type: none"><li>FCB/FCV bit fix</li><li>Introduced broadcasting function - time synchronization can be done by sending a broadcast message</li><li>Fixed a possible race condition where two or more inputs change at once and stop IOMod device from getting inputs further. Inputs are now polled every 1 ms.</li><li><u>Known issue</u> Commands accepted even if wrong address used</li><li><u>Known issue</u> Feedback should only be sent after a command, not after GI or manual input change</li></ul>

# IOMod Modbus RTU Slave firmware change-log

Elseta IOMod series devices support's **Modbus RTU** Slave protocol.



This firmware can be used for IOMod series devices: IOMod 8DI8DO v1.x, IOMod 16DI v1.x, IOMod 8AI v1.x, IOMod 4RTD v1.x, IOMod HT v1.x



This version does not support IOMod 4Cs4Vs model.

Firmware	Version	Release Date	Changes
IOMOD_MODBUS_v1_21_0.bin	1.21	2023-07-26	<ul style="list-style-type: none"><li>added 8DI4RO support</li></ul>
IOMOD_MODBUS_v1_19.bin	v1.19	2020-07-01	<ul style="list-style-type: none"><li>Fixed SPI readings for IOMod 8AI by lowering SPI clock speed to 400kHz</li></ul>
IOMOD_MODBUS_v1_18.bin	v1.18	2019-08-23	<ul style="list-style-type: none"><li>Fixed crash introduced by a higher range of temperatures (&gt;40 C)</li></ul>
IOMOD_MODBUS_v1_17.bin	v1.7.3	2019-01-30	<ul style="list-style-type: none"><li>Fixed possible race condition where two or more inputs change at once and stop IOMod device from calculating input calculations further. Inputs are now polled every 1 ms.</li></ul>