

# 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> |

🕒Revision #3

★Created 10 November 2021 16:28:07 by Raimundas Slavinskas

✎Updated 3 August 2023 10:40:58 by Tomas