



## SatIO-2

works according to your security procedures

SatIO-2 is an independent logic controller with a large number of digital inputs and outputs as well as serial communication interfaces. Additionally a built-in flash memory on micro SD cards is on board. The advantage of the SatIO-2 takes effect when multiple sensors and reactors should be connected to a positioning system. In addition to the

combination of all sensors at one module and the bundled forwarding the SatIO-2 is able to follow independently procedure logic from multiple input signals. It can also perform tasks and actions without having another intelligent system in background.

Especially as OEM version the system finds a strong support in the use with third-party positioning systems. The optimal effect you can reach by the interaction with other sensors of the SatSENS family produced by SatMARS.



### Overview of strengths

- Connection of several digital inputs and outputs
- Multiple serial communication interfaces for data transfer and bundling
- Data storage on micro SD cards for evaluation (black box system)
- Internal switching and procedure logics allows autonomous reactions to sensors
- System tamper proofed, still open for OEM applications and solutions
- Compatible to devices of the SatMOS® family and third-party systems or autonomous use

### Specifications

- Operating voltage: 6 - 36 V
- Operating temperature: -40°C to +80°C
- IP protection class: No protection class / depending on final solution up to IP68
- Dimensions: 82 x 66 x 20 mm (Length x Width x Height)
- Memory: MicroSD card up to 8GB for data storage  
256KB memory for operating system and control logic

### Connections

- 4 wires, MOLEX Micro-Fit 3.0 for power supply
- 24 wires, MOLEX Micro-Fit 3.0 for digital inputs, outputs and serial interfaces
- 1 x 5V voltage output, external sensors
- 5 x digital inputs
- 5 x digital outputs
- 4 x serial COM interfaces (1x master for configuration and controlling)

### Applications

- Controlling module of SatLOCK for third-party systems
- Bundling of multiple sensors of the SatSENS family as report and storage system