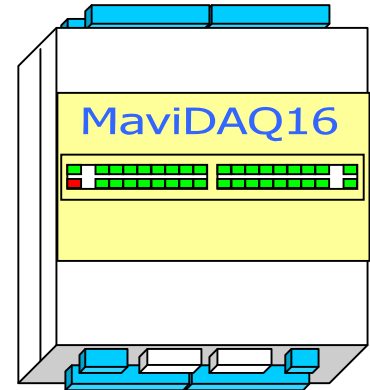




MaviDAQ16 Gateway & Distributed I/O Module

- MaviDAQ-16 is designed to act as a gateway device to acquire data from slave devices like metering devices via IEC 61107 and Modbus RTU protocols as a master;
- Communicates with SCADA systems, via standart protocols like modbus and 60870-5-101/103 as a slave.
- Also supplies several digital/analog inputs/outputs to interfere with plant.

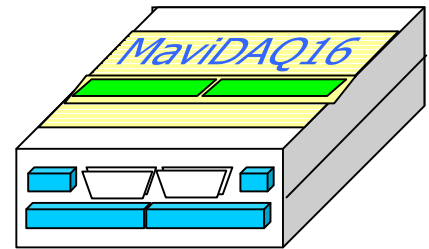


SCADA Communication interface

- IEC 60870-5-101 Slave
- IEC 60870-5-103 Slave
- Modbus RTU Slave

Device Communication interface with Slave Devices

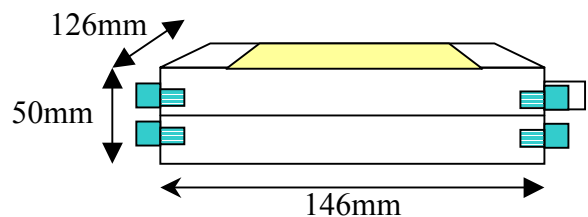
- IEC 61107 Master
- Modbus RTU Master
- IEC 60870-5-103 Master



Inputs/Outputs

Device supplies following I/O connections,

- 16 Digital Inputs, opto isolated, 24V DC
- 16 Digital Outputs, Relay output, 2A @ 24V DC, NO contact, common grouped 8.
- 4 Analog inputs, Current type, 0-4-20 mA, +/- 12mA, +/- 10mA configurable
- 2 Analog outputs, Current type, 0-4-20 mA, +/- 12mA, +/- 10mA configurable



OPC Server

Following OPC servers are available, with specification OPC DA 2.0,

- OPC Server for Modbus RTU communication
- OPC Server for IEC 60870-5-101
- OPC Server for IEC 60870-5-103

Serial Connections

- COM-1 Connection to slave device, RS 232/485 interface, configurable baudrate, parity etc.
- COM-2 Connection to SCADA, modem etc., RS 232, configurable baudrate, parity etc.
- COM-3 Console port, for debug & upgrade etc. purposes

Power

- Power connection 24V DC, power consumption 2A @ 24V DC