

CoSynth I4IoT

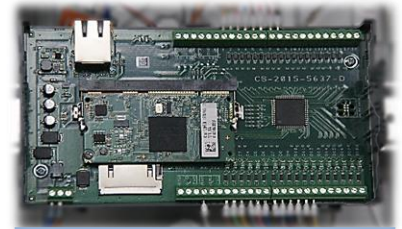
sPLC-DIO36 – Intelligent Control and Management Platform for the Industrial Internet of Things

The sPLC series is an innovative control and management platform for IIoT, the Industrial Internet of Things. The sPLC-DIO36 is one of many potential variants. This version offers 18 digital inputs and outputs each, two RS-232 interfaces, and two RS-485 interfaces for integration of different sensors and actors. CoSynth sPLC modules can be connected via an IP network to exchange sensor and control data. The sPLC devices are a networkable replacement for classic PLCs and turn any control into an IIoT device in no time at all. Please ask for your sPLC configuration meeting your system specifications.

The sPLC series devices provide a webinterface for online management. The GUI allows configuration of the logical relations of inputs and outputs and provides for real-time monitoring of the control states. An optional SD card can be used for logging all actions of the control for long-term monitoring. The real-time processing of I/Os guarantees short cycle times below 1 ms.

Advantages

- Reliable real-time processing
- Multiple communication interfaces
- Freely configurable
- Integrated programming system
- Responsive webinterface



Multiprocessor system
(RT and application)
SD-Card, Ethernet
18 digital I/Os
(24V logic, 100mA each)
2x RS-232
2x RS-485
Freely programmable
I/O relations and UI
Webinterface
for visualization and
configuration
Cycle time < 1 ms
DIN rail housing (9 TE)

**Please ask for
quotation**

Communication

- High count digital I/O
- Various serial interfaces
- Ethernet, optional wireless network

Realtime

- Minimal cycle time
- PLC replacing turnkey solution

Application domains

- Industrial automation
- Transportation
- Smart buildings

CO SYNTH

**CoSynth Embedded Systems –
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