

## ADC – analog to digital converter **Nano Analog Input PoE**

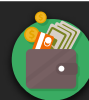


### Application

- ✓ remote reading from sensors
- ✓ temperature measurement
- ✓ humidity measurement
- ✓ distance measurement
- ✓ pressure measurement
- ✓ concentration measurement
- ✓ and many more, depending on the sensor used

### Characteristic

- Support for 0-5V, 0-10V voltage sensors and 4-20mA, 0-20mA current sensors
- Communication via LAN and RS485 (Modbus RTU)
- Clear LED display
- Low and High alarms
- Selection of the unit of measured value
- Supported protocols: HTTP GET, Modbus TCP, Modbus RTU, SNMP, MQTT
- Built-in web server
- Autonomous communication with the LAN relay module (e.g. LANtick, Nano Output)



## Technical data

Supply voltage	POE IEEE 802.3af, 10-24VDC (screw connection)
Power consumption	max: 1.5W
Display	7-segment LED, red
Housing	IP30
Operating environment	-10°C to +55°C
Dimensions	27 (H) x 74.6 (W) x 50.1 (L) mm
Weight	60g

### Communication

1 Ethernet port	up to 10Mbps PoE IEEE802.3af
1 RS485 port	Modbus RTU protocol transmission: 1,200,2400,4800,9600,19200,38400,57600 bps parity: None, Odd, Even, Mark, Space, 2 Stops

### Inputs

2 analog inputs	current and voltage measurement frequency: 4 Hz converter resolution: 17 bit
Current input parameters	maximum input current: 45mA input impedance: 1R measurement error: <0.8%
Voltage input parameters	maximum input voltage: 12V input impedance: 60k measurement error: <0.5%

