

IQIO Pro



Applications:

- Monitoring of environmental parameters
- Remote control and management in real-time
- Tracking and data analysis - access via a built-in webpage
- Industry, farming, construction, municipal infrastructure



Characteristics:

- Automatic reaction to events by the use of customizable actions and alarm thresholds.
- Ethernet and Wi-Fi communication (option).
- Possibility of logging data to internal memory.
- Configurable input and output parameters (trigger type, activation time etc.).
- Control over up to 6 different sensors - 1-Wire bus.
- HTTP(S), SNMP v2c/v3, SNTP, MQTT(S), Modbus TCP, TCP/UDP communication protocols support.
- SMS or e-mail notifications sent in real-time.

Technical characteristics

Power supply	PoE: 33-57V IEEE 802.3af (option)	USB C: 5V DC	10-24V DC, 3,5mm screw terminal
Power consumption	Max. 1,5W		
Sensor bus	3 wire or flat cable (using an RJ12 adapter)		Supports up to 6 sensors
	Dedicated sensors: temperature, humidity, pressure, analogue/voltage (0-10V), analogue/current 4-20mA, gas: CO, CO ₂ , NO _x		
Input	Amount of digital inputs: 1	Input type: NO, pre-polarized	
Output	1 potential-free NO relay output		Maximum voltage: 30V DC
	Operating modes: bistable, astable, monostable, timed		
	Maximum channel load: 1A		
Communication	Wi-Fi	Ethernet 10/100Mbps, RJ45 port (option)	
Enclosure	IP rating: IP30	Dimensions: 50,1 x 74,6 x 27mm	
Operating temperature	From -10°C to +55°C		

Version	Ethernet	Wi-Fi	Catalogue number
IQIO PRO Wi-Fi	-	✓	IQ-0021-10CF-00
IQIO PRO Wi-Fi ETH	✓	✓	IQ-0021-10DF-00