

Site Management

IO HUB

General Purpose Input / Output on SNMP

The IO HUB is our new generation Ethernet HUB GPIO module (GPIO "General Purpose Input / Output") suitable for electrical devices control and monitor over the Internet. It connects a set of 8 SPDT relays, 8 analog inputs and 8 optically isolated digital inputs to Ethernet and make them available through the SNMP protocols. It also provides a dedicated input for temperature probes, a RS485 interface and a built-in real time clock. It can be accessed locally or remotely via web browser for configuration.

The network parameters (IP address, gateway and mask) and other options (e.g. the maintenance mode) can be locally set by means of the built-in display and keyboard allowing an easy installation without the needs of a PC.

Test operations are possible via the local user interface as the current value of all the inputs and outputs is shown on the display.

Moreover, in maintenance mode, the status of each output relay can be manually forced. All the electrical connections are made by plug-in connectors for an easy installation and removal.



INPUTS

- Analog Input n°8 0-50Vdc in four selectable ranges, resolution 12 bit
- Digital Input n°8 Optically isolated. Activated by voltage (5-24Vdc) or dry contact
- Relays Output n°8 SPDT, 1A/50Vdc
- PT100 input n°1 Three wires

CONNECTIONS

- Ethernet/POE RJ45
- RS485 Available for custom applications

MISCELLANEOUS

- Communication SNMP protocol
- Alarms SNMP Trap with programmable thresholds and polarity
- Setup Through Web page and SNMP
- Software Remote upgrade capability

POWER SUPPLY

- POE Class 0
- Power can also be supplied through a power injector / 12Vdc - 0.5A power supply

ORDERING CODES

IO-HUB24 GPIO HUB with 8 Analog IN, 8 Digital IN, 8 RELAYS OUT, 1T