Implexx

Digital Environmental Sensing

Implexx Sensor Hub

MODEL IX-HUB

A low-cost, easy-to-use solution for managing multiple digital sensors

- Central hub for SDI-12 digital sensors
- Supports up to 8 SDI-12 sensors per hub
- Fast and simple sensor connections
- Perfect for reducing cable clutter in the field
- Waterproof enclosure designed for long-term outdoor installations

Implexx
high-performance sensor hub

The IX-HUB Implexx Sensor Hub is an ideal solution for managing multiple SDI-12 sensors in the field. It consolidates numerous SDI-12 sensor cables into a single output cable, simplifying installation and reducing clutter. Multiple IX-HUBs can also be daisy-chained together to form a network of sensor hubs, significantly minimizing the amount of cable required in the field—saving both time and cost.

Connecting sensors to the IX-HUB is fast and straightforward. The hub features terminal blocks with clamp connectors, allowing quick and easy attachment or removal of wires in just seconds.

Designed for durability, the IX-HUB is waterproof and well-suited for long-term outdoor installations.

It is compatible with any data logger system—regardless of brand or model—as long as it supports the SDI-12 protocol. Additionally, the IX-HUB works seamlessly with IoT platforms such as LoRa WAN, NB-IoT, Wi-Fi, and more.

Feature	Specification
Output	SDI-12
Input	2 to 24 VDC | 10 A (max.) (power input is dependent on SDI-12 sensor's specification)
Number of Terminal Blocks	9
Wire Clamping Range	14 to 22 AWG
Cable Gland Clamping Range	4 to 6 mm diameter
Operating Temperature	-20 to +60 °C
Protection	IP64
Cable Length	5 m (standard), maximum 75 m (or dependent on SDI-12 sensor's maximum cable length specification)
Materials	Enclosure: Plastic, Polycarbonate Cable Gland: Polyamide
Weight	~250 grams (without cable)
Warranty	1 year

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