



TROLL® Net Hub Networking Device

The TROLL® net hub is a low-power, networking device capable of connecting either four or eight instruments. Use the hub to network up to 16 devices (connected by up to five TROLL net hubs). You can customize a system for your application by attaching a variety of In-Situ sensors to the hub — RDO® PRO; Aqua TROLL® 100 and 200; Level TROLL® 300, 500, and 700; Rugged TROLL® 200; Rugged BaroTROLL®; and BaroTROLL instruments.

- Networks to telemetry or PLC system
- Uses 9-36 VDC power source
- Each cable within the network has a maximum length of 1219 m (4000 ft) per RS485 protocol (does not support SDI-12 or 4-20 mA)

Saves Time & Money

- Connects up to 16 instruments into one telemetry system
- When using a TROLL® Link telemetry system, allows the user to access data via Win-Situ® 5 Plus software or the web-based In-Situ® Data Center.
- Extends instrument battery life – The hub passes power to attached instruments when connected to external power.

Specifications

Models	4-port bulkhead; 8-port bulkhead; 4-port strain relief; 8-port strain relief. Models with strain relief are used with stripped and tinned cables.
Enclosure	NEMA 4X/IP67
Operational temp. range	-40° to 140° F (-40° to 60° C), 95% relative humidity
Storage temp. range	-40° to 158° F (-40° to 85° C), 95% relative humidity, non-condensing
Dimensions (WxHxD)	6.3 x 6.3 x 3.56 in (16 x 16 x 9.04 cm)
Weight	4-port bulkhead: 1.53 lb (694 g) 8-port bulkhead: 1.85 lb (838 g) 4- and 8-port strain relief: 1.39 lb (632 g)
Power requirements	9-36 VDC (refer to instrument documentation for cable length and voltage limitations)
Current draw	20 µA sleep mode (without instrument load); 60 mA wake mode (without instrument load)
Warranty	1 year

Specifications are subject to change without notice.

Call to purchase — www.in-situ.com

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1-970-498-1500 (international & domestic)
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Applications

- Aquifer characterization tests
- Long-term, remote site monitoring
- Nested well monitoring
- Process control

