



**INSTRUMENTS**

# ATPSW51 5 way Ethernet Switch

## ATPSW51 Ethernet Switch 5 way

A+T systems for new-build and major refit are using Ethernet as main backbone for connecting displays and sensors. The ATPSW51 is a ruggedized Ethernet Switch and junction box to connect these.

It is designed for the harshest environments and can be used in any Ethernet application where rugged and waterproof connections are needed.

A power relay\* is built into the unit so that three power options are available:-

- I. Switch and all output power is taken off the left hand ethernet connection, marked A.
- II. Switch and all output power is taken of external power input B
- III. As II. above, but power controlled by a relay switched by the Ethernet low power input. Allows external power to be used, but whole system to be turned off centrally.

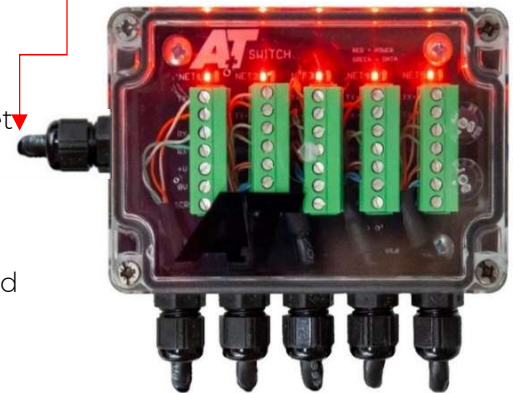
Other details:-

- Supports 100BASE-TX with 100 Mbit/s of throughput in each direction.
- Up to five cable glands, blanks supplied to fill unused spaces
- Power rails +v, 0v for power on Ethernet; power can be injected.
- Individual resetting fuses on each port
- Data activity lights on each port
- All cables connected on removable 5.08mm standard headers; easy removal for troubleshooting
- Dimensions:
  - height = 80 mm plus cable glands & exits
  - length = 120 mm (plus power cable gland if used)
  - depth = 55 mm
- 3-year warranty, see A+T website for details.
- 24/7 support provided directly from A+T Instruments Ltd

While not designed for underwater use, a full set of standard A+T displays including connectors and Ethernet switch has been working in this tank for over 5 years.

\* This power feature is only on units shipped from October 2024 onwards

Optional external  
power in B



low power in port A

