

S370 16 way Input Output module

S370

The **S370** is a point-to-point remote Input Output module (I/O) comprising two PCBs a 16-channel Normally Open input board and a matching 16-channel Normally Open output board linked by a single serial-data stream over Cat5E/6. With no setup or software required, it delivers true real time switching up to 500m range and per-channel LED status indication.

Typical applications

- **Industrial control panels:** Remote actuation of machinery controls, emergency stop circuits, and interlocks without complex networking.
- **Distributed switch matrices:** Centralized monitoring and control of multiple local switch inputs, ideal for operator stations and control rooms.
- **Building automation:** Extension of push-button inputs for lighting, HVAC, or access control panels across large facilities.
- **Machine safety circuits:** Simple, deterministic transfer of safety interlock signals over distance with clear visual indication.
- **Remote signal extension:** Any scenario requiring low-latency, point-to-point switching of up to 16 discrete signals e.g. conveyor line controls, remote alarm panels, or distributed sensor networks.
- **OEM equipment integration:** Embedded within custom machinery to provide modular I/O expansion without integrating Ethernet stacks or proprietary bus systems.
- **Mobile and temporary installations:** Trade-show booths, portable test rigs, or temporary staging setups where rapid deployment and teardown demand minimal wiring.

Benefits and Features

- Real time switching up to 500 meter range
- Single cable plug and play connection
- Up to 400mA per output
- No setup required
- For each channel, an LED visually indicates whether that output is active
- IP67 Enclosure

Specification	S370
Supply Voltage	12vdc
Current	45mA Quiescent 500mA Max
Indication	1 x LED per output
Inputs	16 Normally Open
Outputs	16 Normally Open up to 400mA each
Range	Up to 500m range
Connection	1 x Cat5E/6
Dimensions	190 x 145 x 80mm
Approvals	UKCA and CE marked, ROHS compliant Manufactured in the UK

