

## Pylon-S8000 Outstation

The Pylon S8000 outstation is a general purpose, intelligent control system designed for fast, flexible system building for mission critical control systems.

It employs an 80188 CPU handling all control, supervision and high speed streaming communication protocols, together with a modular industry bus standard industrial I/O system for high integrity plant connection.

The I/O system utilises remnant latching relay outputs to maintain control states during power down and failure situations; together with fully opto isolated revertive (tell-back) inputs indicating equipment status safely. The analog inputs have high speed 12 bit resolution and are configurable for either isolated or non-isolated operation and can be arranged for inputs ranging from 36mV FSD to 50V FSD.

An auto-sensing switched mode PSU powers the unit, together with a seperate auxilliary PSU available for isolated field power.

The outstation has an integral V32 modem which supports both 2/4 wire leased line connection in addition to PSTN fallback operation.

A comprehensive suite of internal control functions provides facilities optimised for broadcast applications which include: full rotatable antenna control with switch selectable rotator types, together with helicopter broadcast autotracking facilities accepting GPS data from popular receivers.

### Features:-

- Dedicated industrial design
- Latching relays
- System watchdog
- GPS Helicopter option
- High speed communications
- Integral V32 modem
- Modular and expandable
- Up to 512DI, 256DO, 128AI.
- 19" Rackmounting

	Ordering Information
Pylon S8000 Outstation	Part No: 8000
32DO,64DI 16AI Card	Part No: 300-0036
32D, 8DI, 8AI Card	Part No: 300-0037
8DO, 8DI Card	Part No: 300-0041

Note: Product revisions may vary from the details given here

### For Further Information:

Web: [www.customelectronic.demon.co.uk](http://www.customelectronic.demon.co.uk)

Tel:+44 (0) 1767 313167

Fax:+44 (0) 1767 313167