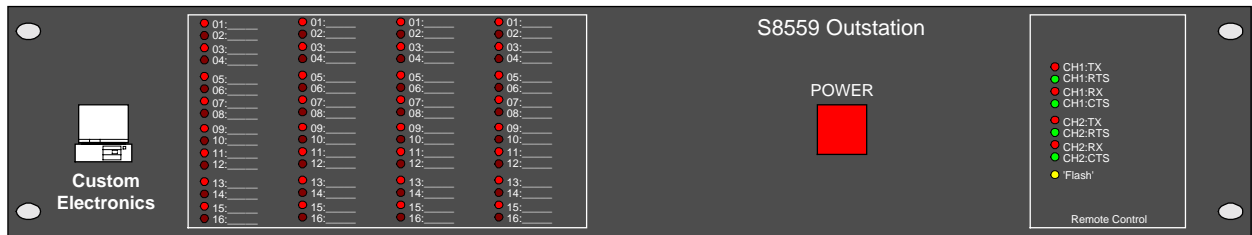


Pylon-S8559 Outstation



The Pylon S8559 outstation is a general purpose, intelligent control system designed for fast, flexible system building for mission critical control systems.

It employs an embedded PC processor handling all control, supervision and high speed streaming communication protocols, together with a modular 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 outstation has a high quality integral V32 modem which supports 2 wire leased line connection in addition to PSTN operation. An auto-sensing switched mode PSU powers the unit from either 90-264V a.c. at 47 - 63Hz.

A comprehensive suite of S8000 internal control functions are available with facilities optimised for broadcast applications. These include: full relay and alarm control, rotatable antenna control for selectable rotator types, together with helicopter broadcast autotracking facilities accepting GPS data from popular receivers.

Features:

- Dedicated industrial design
- Latching relays
- System watchdog
- High speed communications
- Integral V32/V29 modem
- Modular and expandable
- Flash Programmable Memory
- Expandable to 64DI, 64DO, 16AI.
- 2U 19" Rackmounting

	Ordering Information
Pylon S8559Outstation	Part No: 8559
16DI Card	Part No: 8559-001
32D0, 8DI, 8AI Card	Part No: 8559-002

Note: Product revisions may vary from the details given here

For Further Information:

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S8559 Specification

Dimensions:	483 x 89 x 400mm (+50mm clearance on depth required)
Format:	19" Rackmount - 2U
Supply:	90 - 264V AC @ 47- 63Hz
Consumption:	50VA
Operating Temp.:	5 - 45oC
RH:	0 - 95% RH (Non Condensing)
Comms:	V32 Bis, 2/4 wire presentation
Tx Level:	-9dBm maximum
Outputs:	Relay Contacts - 24V DC @ 1A (Common group = 1A)
Inputs:	Volt free relay contacts (24V @ 5mA)
Weight:	7.0Kg
Audio Bandwidth:	3.2kHz
Baud Rate:	19200bps, falling to 9600bps, 2400bps, 1200bps or 300bps depending on equipment and telephone line quality.