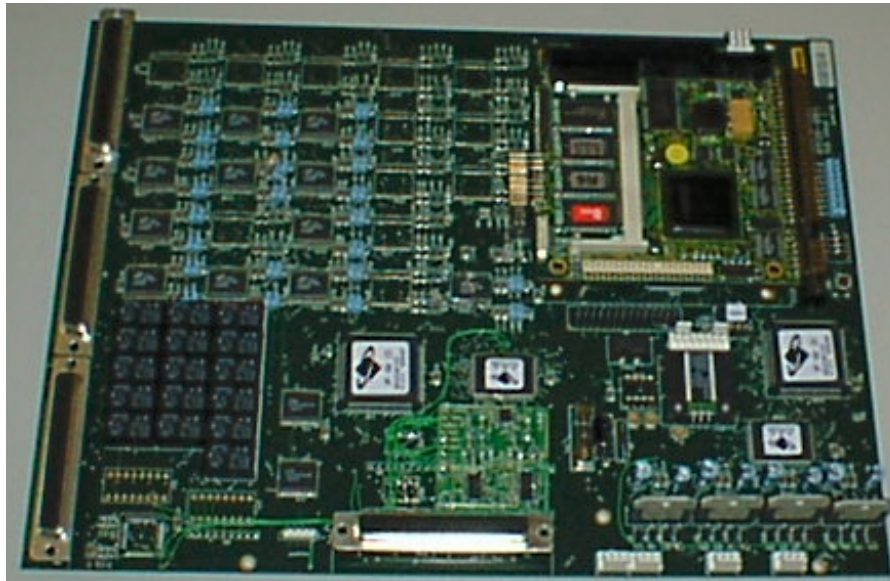


## 8938 : PylonEMC Controller



The PylonEMC Controller is a general purpose, intelligent outstation 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 DSP motion controllers and relay outputs; together with fully opto isolated revertive (tell-back) inputs indicating equipment status safely.

A comprehensive suite of S8938 internal control functions are available with facilities optimised for motion control applications. These include: full relay and alarm control, camera, video switch, encryption, microwave, GSM and UHF telemetry facilities, together with servo loop control for analogue and PWM outputs with quadrature encoder position feedback.

### Features:-

- Dedicated industrial design, System Watchdog, Modular and Expandable.
- 8 Servo Axes – (4xPWM and 4x+/- 10VDAC)
- 16x2A Relay outputs, 8 Opto inputs, 4 Analog inputs (2 on board Temp sensors).
- PC104 CPU, Flash Programmable Memory, 3 High speed comm ports.
- 24 Multiplexed RS232/RS422/RS485 Communication ports.
- 8-28v DC Powered.

### Expansion Options:-

- CPU's: Options up to Pentium233.
- Connectivity: 4W Audio, Ethernet and TCP/IP SNMP protocols.
- I/O: Up to 64 Servo Axes, 128 Relays, 64 Optos, 32 Analogs.
- Displays: Integral 2x20 or 640x480 LCD's, External SVGA, PAL and NTSC
- Keyboards: Integral Numeric, External Qwerty.
- Storage: Integral HDD, Compact Flash and FDD.

Note: Product revisions may vary from the details given here.

### For Further Information:

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