Product Overview:

The CellamaticPLUS™ is designed as integrated GSM modem and hardware controller. Using the convenience of SMS (Short Messaging Service), CellamaticPLUS™ Software and Automation lets you remotely control equipment by sending plain text messages, such as "pump on", "aircon off", "reset" or "blast horn"; all of which can be pre-programmed into the controller and easily remembered later.

Also, remote control equipments are monitored by sending SMS messages to the programmed mobile phone numbers.

Functionalities:
- Security and Password Protection
- Remote Programming using SMS
- Remote Control and Monitoring using SMS
- Remote Diagnostic using SMS
- Customizable Input, Output and Status description text
- Can send messages to up to 3 mobile phones
- Power UP alarm
- Hardware PLC logic
- Virtual PLC logic
- Mechatronics Control System
- Weekly calendar timing
- Real Time Clock (Estimated range: ~ 30h)
- Remote software field upgrade

Controller Specifications:
- **Inputs:** Three Digital Inputs (12 ÷ 24 VDC logic)
- **Output:** Two Relay Free Voltage Contact (1.5 A)
- **Expansion:** Up to 13 Digital Inputs / Digital Outputs through a daughter board
- **Dimensions:** [L] 107 mm x [W] 83 mm x [H] 40 mm
- **Production:** Designed and Manufactured in Australia
- **Temperature:** 0°C ÷ 55°C
- **Required Power Supply:** 12 ÷ 24 VDC @ 1 A
- **Status:** Production
- **GSM Network:** 2G or 3G
- **SIM card:** 1V8 / 3V interface
- **Engineering:** Hardware and Software Engineering by Galtotronic™.

Applications:
The CellamaticPLUS™ controller is suitable for wide range of industrial and home applications. The list below shows just few examples:
- System Control & Home Automation

- Irrigation & Water Pump Control
- Security and Remote Monitoring
- Tank Monitoring & Vending Machines
- Agricultural & Automotive
- More ….

Standards:

The CellamaticPLUS™ has been designed as below:

- **Engineering:** Designed to address EMC and ESD measure to help the system integrator passing standard approvals.
- **GSM Modem:** Approved by Australian telecommunication companies to connect and use Australian GSM networks.
- **Standards:** The unit is supplied as component to be integrated into a control system. The system integrator is responsible for the final approval.