



The PE4-UV is a compact engine management system, developed specifically for the unmanned vehicle industry, capable of controlling every aspect of a small engine. Performance Electronics can provide full PE4 integration projects with existing or new engine designs and airframes.



General System Features

- PC Based Tuning Software
- Standard and Custom Designs
- Easily Adaptable, Modular Hardware and Software
- 1 to 2 Cylinders
- 2 or 4 Stroke

Fuel & Ignition Specific Control

- 2 Saturated Injector Drivers
- 2 Coil Drivers with Built-In Igniters

UV Specific Features

- Customer Specified Connectors
- 12V/28V Supply
- Up to 40 Hours Data Logging
- CAN Bus
- Password Protection

System Inputs & Outputs

- 4 Dedicated Thermocouple Inputs
- 7 Analog Sensor Inputs (0-5 Volt)
- 2 Switched Inputs
- 4 Configurable On/Off or PWM Outputs
- Idle Air Control

PERFORMANCE
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