

RADIANT TECHNOLOGY

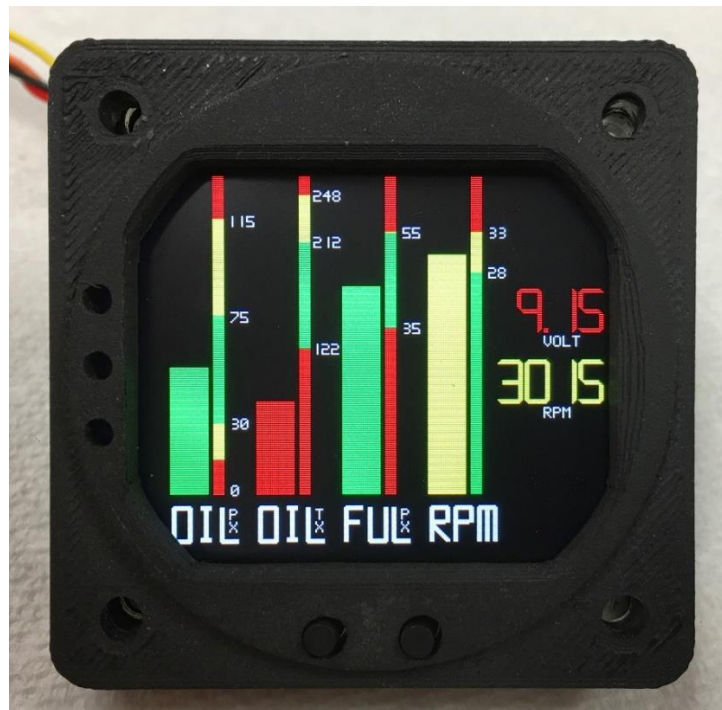
Engine Monitor

last revised July 22, 2018

This is a simple and easily installed engine instrument providing five critical monitoring capabilities for Rotax, ULPower and other 4 cylinder engines. Functions include Oil Pressure, Oil Temperature, Fuel Pressure, RPM and Voltage. Probes and wiring harness are included.

All display information is color coded to engine factory specs. Voltage is in numeric form, and RPM is shown in both graph and numeric form.

This instrument was designed to work with system voltages as low as 8 volts and as high as 32 volts. The low voltage operation is critical when providing engine data if a battery or alternator is failing.



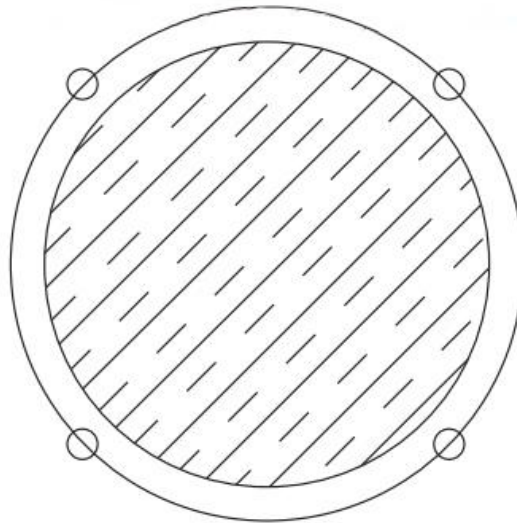
Engine monitor. Note color coding. System voltage is red when below 12.00 volts

FEATURES & SPECIFICATIONS

- ✓ Brilliant, daylight readable Radiant display
- ✓ Simultaneous view of five critical values
- ✓ RPM displayed via graph and numeric value
- ✓ Color coding as to current condition for each channel of information
- ✓ Easy Installation
- ✓ Standard +12V power supply (+8 to +32v)
- ✓ Probes are included along with harness
- ✓ Compatible with Rotax, ULPower and other 4 cylinder engines
- ✓ Installs in any 2.25" cutout

INSTALLATION

- Install display head in any available 2.25" standard cutout. **DO NOT OVERTIGHTEN BOLTS! USE JUST ENOUGH PRESSURE TO SNUG THE DISPLAY INTO THE PANEL!**



2.25" Main Cutout. Four 0.170" mounting holes are on 2.625" diameter circle. Inner circle is 2.25".

Standard 2.25" cutout

- Install dimming potentiometer, if desired.
- Install each sensor; reduce harness length as required.
- RPM lead installs into RPM sensor module.
- Route thermocouple sensor leads to engine through firewall. Observe polarity of sensors when attaching to interface module.
- Oil temperature sensor may be tested using heater gun.

OPERATION

- ✓ Each channel of information is displayed on the screen, with color coding as to current condition
- ✓ Minimum oil temperature shown is approximately 80 degrees Fahrenheit (probe and monitor limitation).
- ✓ Screen updates once per second
- ✓ Voltage is green above 12.00 volts and red if under

PURCHASE OPTIONS

- ✓ Radiant EMS 5 channel Part # RMON-ULH
Monitor for UL Power injected engine with high pressure fuel; includes unit, interface module, harness, 3 probes, input for RPM pulse, ranges preset to your specs
- ✓ Radiant EMS 5 channel Part # RMON-ULL
Monitor for UL Power carbureted engine with low pressure fuel; includes unit, interface module, harness, 3 probes, input for RPM pulse, ranges preset to your specs
- ✓ Radiant EMS 5 channel Part # RMON-ROH
Monitor for Rotax injected engine with high pressure fuel; includes unit, interface module, harness, 3 probes, input for RPM pulse, ranges preset to your specs
- ✓ Radiant EMS 5 channel Part # RMON-ROL
Monitor for Rotax carbureted engine with low pressure fuel; includes unit, interface module, harness, 3 probes, input for RPM pulse, ranges preset to your specs
- ✓ Radiant EMS 5 channel Part # RMON-4CYLH
Monitor for any injected engine with high pressure fuel; includes unit, interface module, harness, 3 probes, input for RPM pulse, ranges preset to your specs
- ✓ Radiant EMS 5 channel Part # RMON-4CYLL
Monitor for any carbureted engine with low pressure fuel; includes unit, interface module, harness, 3 probes, input for RPM pulse, ranges preset to your specs

DISCLAIMER: Products from RADIANT Technology are not designed to be used in applications where their failure would endanger safe flight or human life in any way. They are intended solely for use in VFR conditions. They are not certified to meet any Technical Standard Order and are not produced under a Parts Manufacturing Authority (TSO / PMA). As a result, they are suitable only for use in experimental and ultralight aircraft, and in Light Sport Aircraft, if meeting the requirements of the respective manufacture.

WARRANTY: Your new RADIANT Technology instrument carries a one year warranty. Please contact us at support@beliteaircraft.com should your product need warranty service. International warranty service will be charged US\$50.00 for repairs, which includes return shipping after repair. Payment must be received before service begins.

RETURN/REFUND INFORMATION: Must be returned in new, resalable condition within 14 days.

CONTACT: info@beliteaircraft.com, 316-253-6746 / RADIANT Technology/Belite Enterprises LLC, 8610 E. 34th Street N. Wichita KS 67226