

#### Application:

The Status Panel is an alternative to the standard Cockpit Display Unit (CDU) in situations where a pilot does not need information such as flight times etc or immediate access to exceedences and live data.

#### Features:

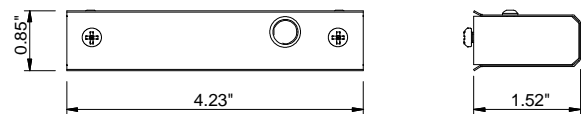
- Compact and Lightweight.
- Multifunction green LED indicator with automatic brightness control.
- Unobtrusive.

#### Description:

The lightweight and compact design is ideal for installs where space is limited. It can be mounted either horizontally or vertically. On the front panel there is one green LED, one download port connector and an IR diode (for pilot login). The rear case has 2 connectors for interfacing. One connects to the Data connector on the logger and the other is for connection to an optional Trend pushbutton switch.

The pilot is made aware of a failure (including exceedence alarms and memory full warnings) by the LED flashing when the engine is not running (with aircraft power applied). Once the failure is rectified, the LED will be a steady green, and will extinguish after the engine is started.

A Plug-In CDU (p/n 102020) may be plugged into the Data port for local display of exceedences etc without needing a laptop.



#### Specifications:

- Weight: 80 grams (approx)
- Supply Voltage: +8Vdc from DAAM Logger.

#### Connections:

Rear 4-pin Connector	
1	+8Vdc power supply
2	Ground
3	Serial data from logger
4	Serial data to logger

Rear 2-pin Connector	
1	Trend Switch Input (connect to Ground to initiate trend)
2	Ground

## Indications:

LED State	Meaning of Indication
On	Normal operation, no faults, engine not running.
Flashing	<p>Fault state. This indicates one or more of the following:</p> <ul style="list-style-type: none"> <li>• Connection problem to the logger.</li> <li>• Logger has captured an exceedence.</li> <li>• Logger memory is nearly full.</li> <li>• Logger battery is getting low.</li> </ul> <p>Note that this state will be canceled as soon as the engine is started, or 3mins after powerup if there is a connection problem. <i>Any report of a flashing LED should be investigated as soon as possible.</i></p> <p>A code may be flashed to indicate a particular type of fault.</p> <ul style="list-style-type: none"> <li>• 2 flashes followed by a gap indicates a connection problem to the logger.</li> <li>• 3 flashes followed by a gap indicates the logger internal battery needs replacing (contact Perkins Technologies as soon as possible).</li> </ul> <p>Continuous flashing indicates a problem that should be cleared by downloading and clearing the logger memory.</p>
On for 3s	Pilot ID detected. Note that if a Pilot ID is detected before the engine starts (and no faults are present) the LED will go off for 3s instead.
On for 15s	Trend button pressed in flight - Trend capture in progress.
On for 1s	Trend button pressed NOT in flight (lets you know the button is working). Note that if the button is pressed before the engine starts (and no faults are present) the LED will go off for 1s instead.
Blinking	A download cable or Plug-In CDU is plugged into the Data port.
Off	<p>Either:</p> <ul style="list-style-type: none"> <li>• Normal operation with engine running.</li> <li>• Status Panel was unable to communicate with Logger for 3mins after powerup. This is a 'safe' state to avoid distracting the pilot in-flight.</li> </ul>