

# CONFIGURABLE ENGINE MONITORING



## DSE E050 eView Engine Display



Configurable Start-Up Screen



Low Power/ Power Save Mode



IP67 Protection



PC Software Programmable



Configurable Instrumentation Pages



Tier 4F & Stage V Engine Support



Five Backlit Soft Navigation Keys



4 Configurable Multi-Functional Inputs

To learn more visit: [www.deepseaelectronics.com](http://www.deepseaelectronics.com)

# CONTROL AND MONITORING FOR TIER 4F AND STAGE V ENGINES



## DSE E050 eView Engine Display

It has been an onerous task for engine manufacturers in meeting the technical demands of ongoing changes to emission standards. With common technologies such as diesel particulate filter (DPF) and selective catalytic reduction (SCR) still required, the change from Tier 4 Final to Stage V is not as great as previous changes but the work has undoubtedly kept engine manufacturers occupied.

With the release of the new Stage V engines, the onus is now with OEM's to ensure that the chosen engine integrates seamlessly into their application with a compatible engine control and monitoring system that retains the best performance features.

DSE's new eView product is one such engine display designed specifically for Tier 4 Final & Stage V compatibility. The large screen has visual impact displaying information in multiple formats and in full colour. The icon based display means the OEM does not need to worry about language translations for machine variants. The 'plug and play' unit comes with default manufacturers' settings, which will be suitable straight out of the box for the large majority of engine applications. For other applications and OEMs that require a bespoke look and feel to the display, the eView offers

fully configurable settings via the user-friendly DSE Configuration Suite PC software. Specific icons, boot-up screen, colour schemes and viewable engine data can all be changed to present application specific information in a customised format.

As required with any monitor for electronic engines, the eView displays diagnostic messages for both active and historic faults (DM1 and DM2) together with the relevant malfunction indicator light/lamp (MIL), key for fault finding. If additional signals are required that are not provided on the engine's CAN bus, the eView has multiple configurable inputs and outputs for additional sensors and auxiliary parts. Manual engine speed control is achieved via TSC1 messages to the engine via the buttons on the front fascia.

Water and dust repellent to IP67, the eView display is built for the most extreme environments and includes a heated display for continued use in cold climates, making it ideal for the tough demands of multiple engine applications in both vehicle and standalone machines. The eView is mounted via the industry standard 81mm diameter nut and incorporates the robust DT16 harness connector.

DSE also has a solution for more complex applications that require a much more sophisticated level of control and monitoring, DSE's M840 fully programmable display is the big brother to the new eView offering comprehensive I/Os and multiple independent CAN networks.



For further information please refer to the DSE website: [www.deepseaelectronics.com](http://www.deepseaelectronics.com)

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