

Press information

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**1551V sensor enclosures for the IoT**

The new [1551V](https://www.hammfg.com/electronics/small-case/plastic/1551v) miniature ventilated sensor enclosures from Hammond Electronics are designed to house sensors and small sub-systems installed in the manufacturing environment as part of IoT systems. While there is no relevant international standard, the 1551V enclosures are designed around the PCB sizes selected by leading sensor manufacturers for their latest generations of products. The ABS UL94-HB 1551V is available in black, grey and white as standard; four plan sizes, 80 x 80, 80 x 40, 60 x 60 and 40 x 40mm are all 20mm high, maximum PCB sizes are 74 x74, 74 x 34, 54 x 54 and 34 x 34mm respectively. Four PCB mounts are moulded into the base and the 20mm height gives enough space for board-mounted RJ45, USB and other standard communication interfaces. To simplify access, the snap-fit closure allows repeated opening and closing without tools. There are ventilation slots on all four vertical faces and mounting slots and a 15mm cable knock out in the base.

Environmental sensors monitoring basics such as temperature, humidity and pressure are widely installed, and are now increasingly intelligent sub-systems, with data processing and communications capability embedded on a small PCB. For active components that produce relatively large amounts of waste heat, the 1551V obviously provides excellent airflow for cooling purposes.

A short product overview video can be seen [here](https://www.youtube.com/watch?v=ZFBdxgtzFA0).

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**Notes to Editors.**

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Hammond is one of the world’s leading manufacturers of small plastic, die-cast aluminium and metal enclosures for the electronics and electrical industries. Hammond Electronics, Adelaide, was established as a stock-holding hub in 2002 to serve the Australasian market through a network of national, regional and local distributors throughout Australia and New Zealand.