

## TECHNOSOFT presents the iPOS4808 MY-CAT-STO: A Universal Drive with EtherCAT and Safety Functionality

The TECHNOSOFT company from Neuchâtel, Switzerland, has released **iPOS4808 MY-CAT-STO**, an intelligent drive with integrated motion controller offering 1 kW of peak power in a compact and flexible design.

Conceived as a plug-in solution for multi-axis systems requiring accurate position control and an EtherCAT interface, the iPOS4808 MY-CAT-STO intelligent drive offers Safe Torque Off functionality via a dedicated HW implementation.



This allows users to reduce the system's cost, while increasing the safety level of their application.

Due to its innovative motor control architecture, the iPOS4808 represents a universal drive solution for any motor that fits its power ratings – 48 V; 8 A/20 A. Either brushed DC, brushless DC, stepper or linear motors can be controlled by the drive that supports as well a variety of feedback types ranging from incremental TTL or sin/cos encoders to absolute SSI or BiSS position sensors. One drive for any motor technology brings a big advantage in terms of reducing the stock items as well as the implementation time, due to a unique user interface for all axes.

Another advantage is represented by the plug-in capability of the product that offers a large flexibility in terms of integration into the user's motherboard — where the size, shape and connectors can be customized to respond exactly to the application requirements.

The **iPOS4808 MY-CAT-STO** is designed for high-end applications (e.g., dual-loop control), where its advanced control architecture, integrating up to 9 digital filters, makes the difference in terms of motion control performance.

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The present press release can be downloaded at

<http://www.technosoftmotion.com/en/news/press-releases/186-pr48-ipos4808-my-cat-sto>



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