

## iPOS3604 HX-CAN : Compact Intelligent Drive with TMLCAN & CANopen communications

The iPOS3604 HX-CAN is a closed frame intelligent drive offering a very compact solution for sinusoidal or trapezoidal position, speed and torque control of rotary or linear DC Brushless and open-loop or closed-loop control of 2-phase and 3-phase step motors requiring power up to 144 watts. The supply voltage range is 12 to 36 VDC with a continuous current of 4 A, (10 A peak) and a PWM frequency of 20 KHz.

This high performance servo drive offers high level single or multiple-axis control functions such as master, slave or standalone operations in a small package of only 80 x 55 x 16 mm. Although extremely compact, iPOS3604 HX embeds motion controller, drive and PLC functionality in one unit.



iPOS3604 HX can operate as a CiA402 CANopen drive, or can be programmed to execute complex motion programs directly at drive level, using their built-in motion controller and the high level Technosoft motion language (TML). Thanks to the TML instruction set, the iPOS3604 HX is an intelligent drive, programmable at user's level and offering position and speed profiles, PVT & PT interpolated, electronic gearing and cam, external reference: analogue or sent via a communication bus.

The configuration, tuning and programming of the iPOS3604 HX-CAN drive is easy with Technosoft's powerful graphical platform, EasyMotion Studio. System configuration and parameterization are performed by selecting and testing the system structure, motor and sensor types and control mode.

Flexibility and easy implementation make the iPOS3604 BX-CAN drives an ideal solution to fulfilling today's motion axis control needs, using modern distributed intelligence architecture.

Located in Neuchâtel, Switzerland, Technosoft is a leading DSP Motion Control technology company, specialized in the design and manufacture of motion control products and custom motion systems.

Specifications can be found at:

[www.technosoftmotion.com/en/intelligent-drives-and-motors/ipos-line/ipos3604/ipos3604-hx](http://www.technosoftmotion.com/en/intelligent-drives-and-motors/ipos-line/ipos3604/ipos3604-hx)

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