

## TECHNOSOFT IPOS3602

Motion controller drive - 2A

P028.001.E201

iPOS3602 VX-CAN (36V, 2A, encoder, CAN)



- Power up to 75W, continuous/peak current 2/3.2A, supply voltage 12-36VDC
- Built-in motion controller
- For brushed DC, BLDC and stepper motors
- Communication RS-232 (TMLCAN) and CANopen (default) or EtherCAT (optional)
- Open PCB or enclosed design

### PRODUCT DESCRIPTION

Compact controller to control DC motors, PMSM/BLDC motors and stepper motors. The IPOS3602 is an intelligent, freely programmable servo controller with integrated output, MotionChip™ controller, I/O signals and CAN bus interface in one device. The IPOS3602 is designed in several versions: as a PCIe plug-in module for motherboard integration, as a soldering/connection module and as a built-in unit, allowing easy integration even in confined spaces. Multiple VX modules can be connected to a single motherboard for compact design, time savings and cost optimization.

## TECHNICAL DATA

<b>Analogue Inputs</b>	1
<b>Communication</b>	CANopen, RS232, TMLCAN
<b>Compatible motor technology</b>	PMSM motor, Voice coil actuator, Brushless DC motor, Stepper motor, Linear motor, DC
<b>Control type</b>	Electronic cam, Electronic gearing, Position, Speed, Torque
<b>Digital inputs</b>	5
<b>Digital outputs</b>	4
<b>Nominal current</b>	2 A
<b>Peak current</b>	3.2 A
<b>Positioning feedback</b>	Incremental, 1 Vpp Sin/Cos, Digital hall sensors, Tachogenerator, Sensorless
<b>Power</b>	75 W
<b>Supplier</b>	Technosoft
<b>Supply voltage</b>	12 V DC, 24 V DC, 36 V DC
<b>Weight</b>	70 g