**INTRODUCTION**

- High performance motion coordinator for remote servo and stepper drives via EtherCAT bus.
- EtherCAT amplifiers can be connected and driven in cyclic synchronous position, speed or torque modes.
- Same simple programming as the traditional analog axes, with the possibility to set up drives and process alarms over the EtherCAT bus.
- Ideal for high axes count machines or robotic applications.
- Remote placement of the modules from the master if needed.

**HIGHLIGHTS**

- Up to 32 EtherCAT digital drive axes.
- Up to 1024 EtherCAT I/O
- Ethercat CoE protocol to CiA 402
- Linear, circular, helical and spherical interpolation
- EnDAT and SSI absolute encoder supported
- Ethernet-IP / Modbus TCP / Triax Actives / Uniplay HMI / UDP / Ethernet interface built-in
- Precise 64 Bit motion calculation with 532 Mhz ARM 11 processor
- IEC 61131-3 programming
- Robotic transformations
- High speed registration inputs
- SD memory card slot
- CANopen I/O expansions
- RoHS, UL and CE approved

**EASY PROGRAMMING SYSTEM**

The built-in Ethernet port allows programming and connection of common PLC and HMI protocols.

Standard IEC 61131-3 languages available, allowing a fully functional PLC programming system.
SPECIFICATIONS

- Programming and connection of common PLC and HMI protocols through the built-in Ethernet port.
- Versions for 2, 4, 8, 16 and 32 axes available, all featuring 32 software axes.
- Backlit LCD display for easy reading.
- Metal backplate for maximum noiselessness.

MECHANICAL DIMENSIONS

120mm x 40mm x 157mm

MAXIMUM VERSATILITY

Built-in support for digital drives and I/Os of most brands on the market.