



Making Data Acquisition Easy

ICP DAS USA introduces the new MN-SERVO-xxx-EC Series

The MN-SERVO-xxx-EC series expands the number of axes for distributed motion control on a Motionnet field bus. These extension slave modules can be directly connect to the servo driver and are serially connected to the controller using a simple and affordable Cat.5 LAN cable, reducing the amount of wiring required between the drivers and the controller, making this a highly suitable solution for integrated machine automation applications.

After the module is connected to the servo driver, all you need to do is connect a serial LAN cable between the modules. One serial line can support up to 64 single-axis modules. ICP DAS provides a variety of motion control modules suitable for a range of brands of servo drivers, such as Mitsubishi MELSERVO-J3/J4, Yaskawa Sigma II/III/V, Panasonic MINAS A4/A5, Delta ASDA-A/A2 and Teco TSTA-A/A+.

Motionnet comprises of a high-speed serial communication system that involves Master card and Slave modules. ICP DAS USA has two categories of Slave devices: Digital I/O, and Motion Control. Users' actuators/sensors can be easily connected with our Motionnet devices. Motion control modules work together with either a Servo or Stepping motor. Motionnet communication between a Master and



Slaves devices is based on RS-485 technology (Multi-drop, Half-duplex). This technology provides the advantage of simplifying connectivity of devices between remote distances while still offering high speed. Data transfer for the I/O modules is cyclical and time deterministic, so this mean that Motionnet devices can be used for other numerous industrial automation applications.

Established in 2001, ICP DAS USA is an industrial automation manufacturer committed to providing reliable, cost-effective, and flexible embedded control and data acquisition solutions. Our technology is utilized by system integrators, OEMs, and industrial users in a wide variety of industries, such as energy and power, factory and machine, oil and gas, agriculture, and aerospace.

To learn more about the variety of ideas and real projects integrated with ICP DAS hardware, visit <http://www.icpdas-usa.com>, or call 1-888-971-9888 to be assisted in reviewing project requirements, to ensure that the highest quality solution in your final application.