

ORLIN Technologies Ltd introduces...

## Next Generation Stepper Motor Controllers

SMSD-4.2LAN and SMSD-8.0LAN

SMSD-4.2LAN and SMSD-8.0LAN are next generation controllers designed to control stepper motors with a maximum current of 4.2A or 8A.

This new driver can be controlled remotely via ethernet local network, enabling the use of multiple units connected to one host. Ethernet also allows higher speed communication and greater immunity to external noise.

Other features include the ability to maintain a high speed for motors with a high torque, for an extended length of time, and new control algorithms which have increased the smoothness of the motor.

Modes available:

- Direct control via USB or Ethernet
- Program mode, with the execution of one of four stored programs
- Analog speed control mode
- Analog position control mode
- Pulse position control mode via signals "STEP" and "DIR" 0/5V (up to 24V)

Additional capabilities:

- Emergency stop, direction change, home position or program control
- Last position return option
- Quick and easy connection to other electrical elements of the system
- Synchronising multiple controllers
- Monitoring input voltage, temperature, internal circuit status and operability, and in the event of error the controller generated an alarm and error code
- Sound signal for emergency
- Displaying error codes and mode numbers on a screen
- Use of 32-bit password

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