

Ethernet/USB/RS485 Servo Controller



ETHERNET



RS485



USB2.0



2ndSight
READY

Power Input

- Power : 24VDC to 48VDC

Communication

- USB 2.0 using Virtual COM Port
- RS485 with 115K Baud
- Ethernet 100M
- Protocols Supported: TITAN ASCII, MODBUS ASCII, RTU, TCP

Digital and Analog IO

- 8 Opto-isolated Digital Inputs
 - Controller Mode: + Limit, - Limit and Home
 - Pulse Mode: Pulse, Dir, Enable, Clear, Reset, 3 General Inputs
- 3 Opto-isolated Digital Outputs
 - Controller Mode: 3 General Outputs
 - Pulse Mode: In-pos, Alarm, 1 General Output
- 1 Analog Input 0-5V range

Intelligent/ Powerful

The SVX-ETH is a new generation universal servo controller with advanced servo technology.

Universal / Easy

The SVX-ETH is easily able to control commonly used motors in the industry.

Advanced / Intuitive

The SVX-ETH has many advanced yet simple and intuitive motion functions.

Motors Supported

- 2 Phase Stepper Motors
- 3 Phase Rotary Brushless Motors
- 3 Phase Linear and Shaft Motors
- DC Brushed Motors
- Voice Coil Motors

2ndSight Ready

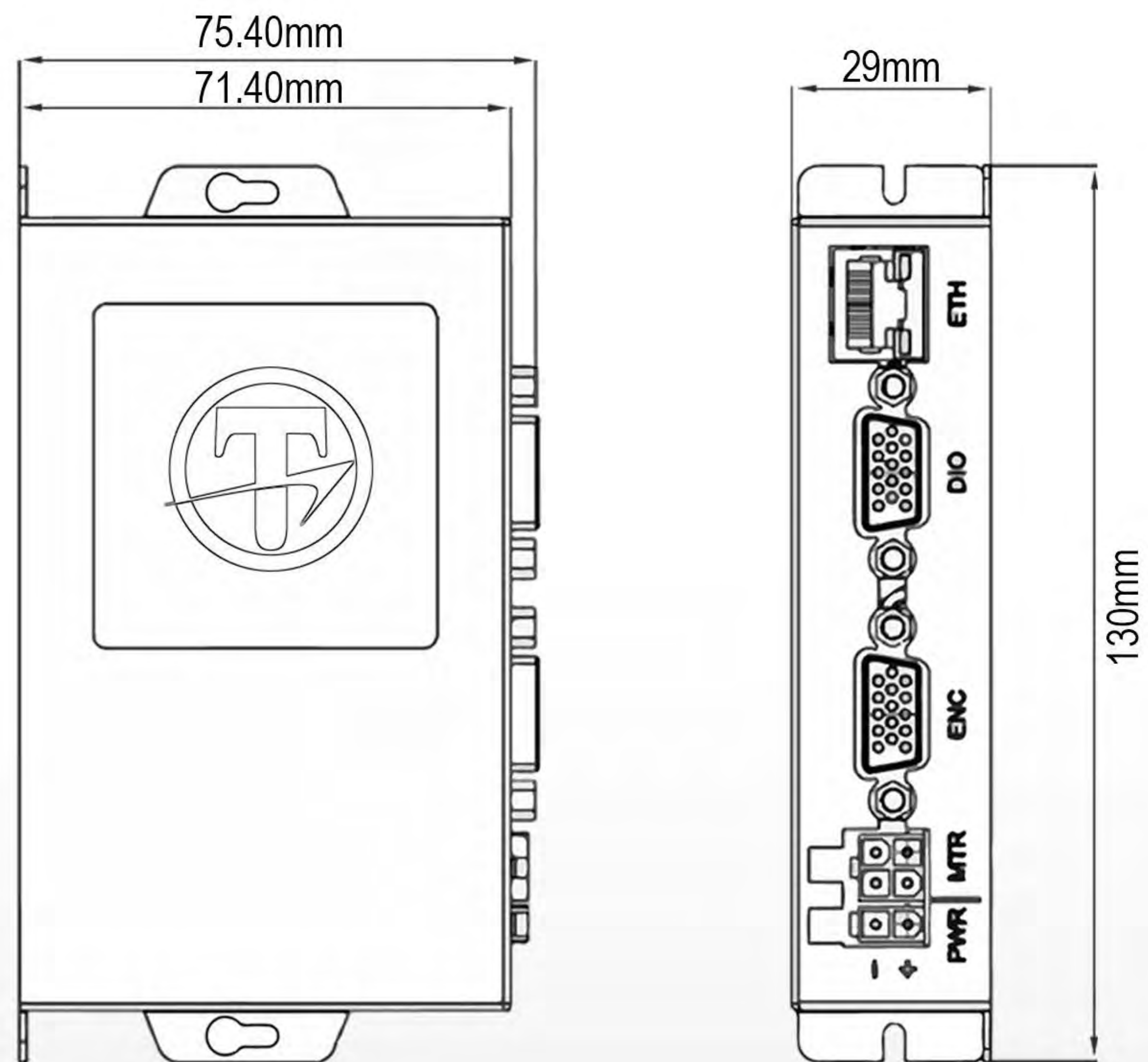
- The SVX-ETH is equipped with the 2ndSight motion edge analytics algorithm to predict and detect future failures to increase the uptime and reliability of the motion system.

Connectors

- USB Mini-B connector
- RJ45 connector for Ethernet communication
- 3 pin connector for RS485 communication
- 15 pin HD DSUB connector for encoder/hall sensor
- 15 pin HD DSUB connector for motion IO
- 4 pin Mini-fit Jr connector for motor
- 2 pin Mini-fit Jr connector for power

TITAN-SVX-ETH

Powered by TITAN®



* Dimensions in Millimeters

