

JetI/O 6520

Intelligent 4-CH Analog Output Ethernet I/O Server



- Ethernet Block I/O with 4 Channel Analog Output
- 12 bit resolution and high accuracy
- Independent output operation with 0-10V, $\pm 10V$, 0-20mA
- Programmable output slew rate
- Support OPC Server Driver
- Windows Utility, OPC Server Utility, Modbus/TCP protocol, SNMP and Web management
- Built-in watchdog timer and real-time clock
- Din-Rail Mount with Robust Aluminum case and IP31 protection

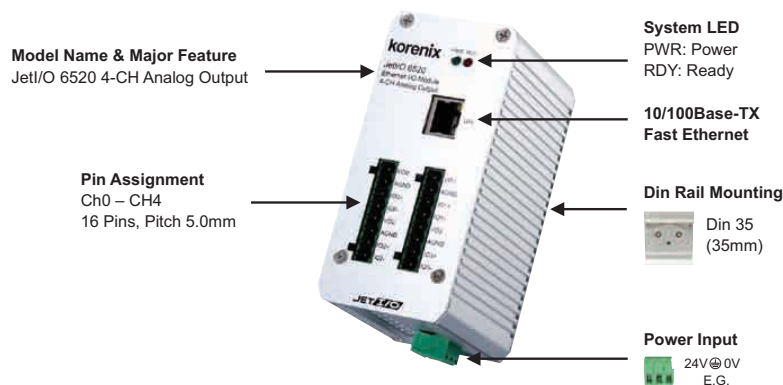
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Overview

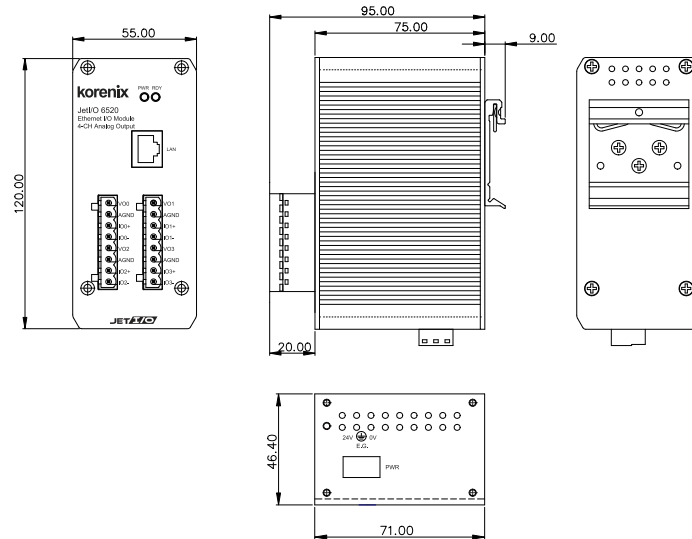
JetI/O 6520 is an intelligent I/O Server equipped with 4 channels Analog Output. It provides 12 bits resolution and high accuracy for voltage/current output. Each channel supports 2500Vrms isolation, independent output operation with 0-10V and 0-20mA, programmable output slew rate for the most analog output applications.

JetI/O 6520 provides Windows Utilities, SNMP and Web for configuration. Industrial Modbus/TCP protocol and OPC Server driver for integrating JetI/O with existed HMI/SCADA. Robust aluminum case with good heat dispersing and IP31 protection. With JetI/O users can easily perform status monitoring and control the remote I/O devices.

JetI/O 6520 Appearance



Dimensions



Specification

System

CPU: 100MHZ, RISC-Based
SDRAM: 32K bytes
Flash ROM: 512K bytes
EEPROM: 256 bytes
Watchdog Timer: 1.0 sec H/W
LED:
 PWR: Power Input plugged and On (Green)
 RDY: System startup ready (Red)

Network Interface

Ethernet: IEEE 802.3 10Base-T, IEEE 802.3u 100Base-TX
Connector: 1 * RJ-45, Auto MDI/MDI-X
Protection: Built-in 1.5 KV magnetic isolation protection
LED:

Upper (LAN Activity): Orange On & Blinking
 Lower(10M/100M): 10M (Green Off) /100M(Green ON)

Analog Output

Channels: 4 Channels, differential
Resolution: 12 bits
Voltage Output Range: 0 ~ 10V, -10V ~ +10V
 Current Drive: +/- 5mA
Current Output Range: Sink Type, 0-20mA
 Excitation Voltage: 12-36V
Output Impedance: 0.5
Current Load Resistor: 0 to 500 (source)
Programmable Output Slope to Safety Value:
 0.125 to 128 mA/sec (Current)
 0.0625 to 64 V/sec (Voltage)

Accuracy: $\pm 0.1\%$ of FSR ± 1 LSB

Calibration: On Board EEPROM

Isolation Voltage: 2500Vrms

Feature

Network Protocols: IP, TCP, UDP, SNMP, HTTP, BOOTP, DHCP, Modbus/TCP, OPC Server

Configuration: Windows Utility, Web, SNMP, DHCP Client, TFTP Server for firmware update

Windows Utility: Block I/O Utility, Device Finder Utility

OPC Server Utility: OPC Server for Modbus/TCP

SNMP: MIB-II: System, SNMP Generic Trap and Private MIB

SNMP Trap Server: Up to 4 SNMP Trap Server

Power Requirement

System Power: external unregulated +24V

Power Consumption: Max. 3W

Mechanical

Dimensions: 120 (H) x 55 (W) x 75 (D)mm

Mounting: Din-Rail

Material: Aluminum

Environmental

Regulatory Approvals: CE, FCC Class A

Operating Temperature: -25 ~ 70°C

Operating Humidity: 0 ~ 95% non-condensing

Storage Temperature: -40 ~ 80°C

Warranty: 3 years

Ordering Information

Jet/O 6520 Intelligent 4-CH Analog Output Ethernet I/O Server