

# 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, ±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



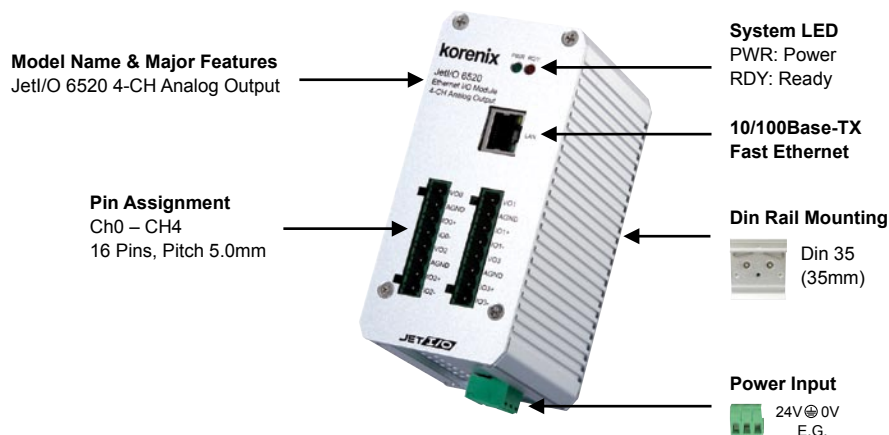
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### Overview

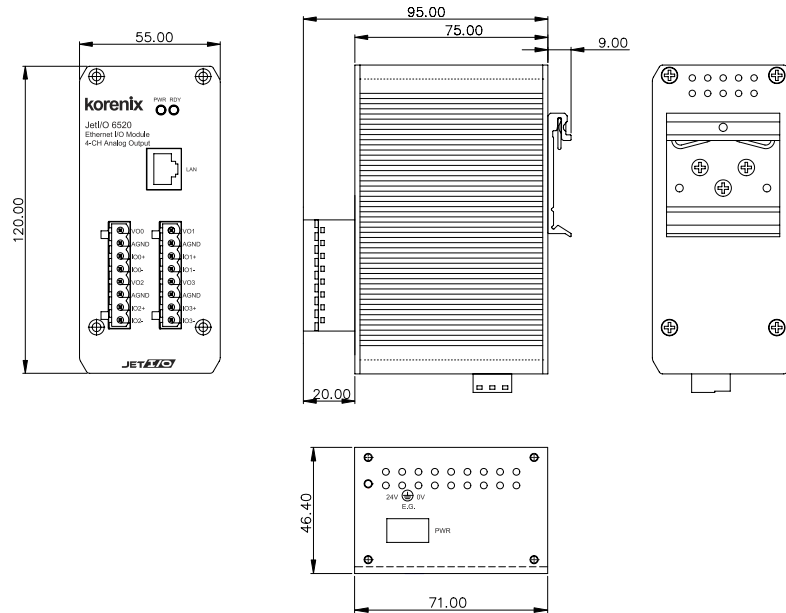
JetI/O 6520 is an intelligent I/O Server equipped with 4 channels Analog Output. It provides 12 bits resolution and high accuracy for voltage/current output. Each channel supports 2500Vrms isolation, independent output operation with 0-10V and 0-20mA, programmable output slew rate for the most analog 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:** 16 bits/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

**Output Range:** 0-10V,  $\pm 10V$ , 0-20mA

**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  $\pm 1LSB$

**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 browser, SNMP, DHCP Client, TFTP Server for firmware update

**Windows Utility:** Block I/O Utility, Device Fider Utility

**OPC Server Utility:** OPC Server for Modbus/TCP

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

**SNMP Trap Server:** Up to 4 SNMP Trap Server

**Logic I/O Rules:** Conditions(IF) of the DI/Counter values, Actions(Then) include DO/Pulse, Counter Reset and SNMP

**Program:** C++ Example code by optional

### Power Requirements

**System Power:** external unregulated +24V

**Power Consumption:** Max. 3W

### Mechanical

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

**Mounting:** Din-Rail

**Material:** Aluminum

### Environmental

**Regulatory Approvals:** CE, FCC Class A

**Operating Temperature:** -10 ~ 70°C

**Operating Humidity:** 20 ~ 90% non-condensing

**Storage Temperature:** -20 ~ 80°C

**Warranty:** 3 years

### Ordering Information

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