

# JetI/O 6520

## Intelligent 4-CH Analog Output Ethernet I/O Server



- Ethernet I/O server 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 display
- Built-in watchdog timer and real-time clock
- Din-Rail Mount, Robust Aluminum case with IP31 protection

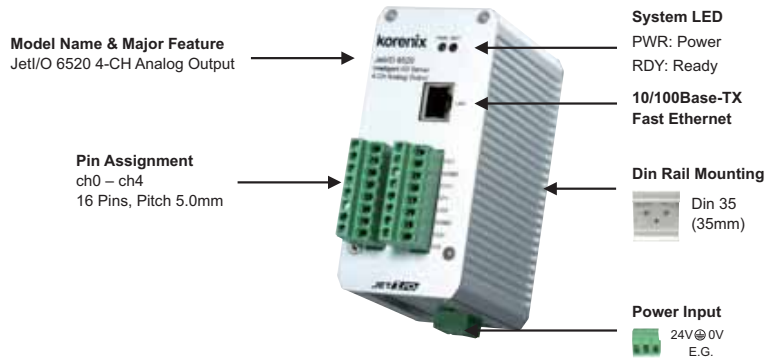


### Overview

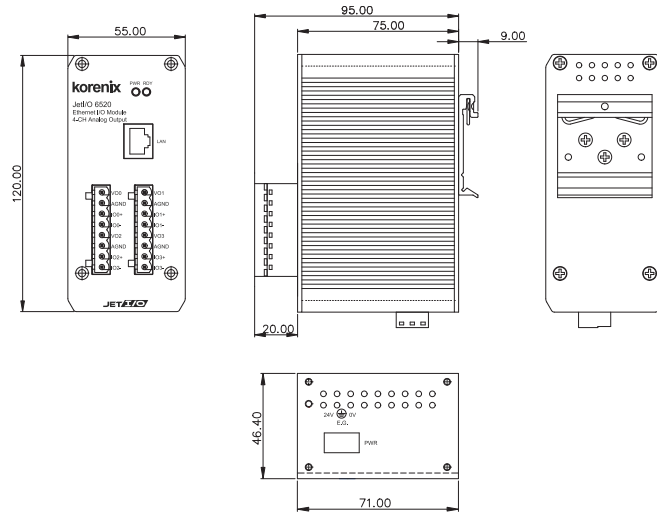
JetI/O 6520 is an intelligent I/O Server equipped with 4 Analog Output channels. It provides 12 bits resolution and high accuracy for voltage/current output. Each channel supports 2500Vms isolation, independent output operation with 0-10V and 0-20mA, and programable output slew rate for most analog output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

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

### JetI/O 6520 Appearance



## Dimensions (Unit –mm)



Industrial PoE Switch
IP67/68 Ethernet Switch
Rackmount Managed Switch
Gigabit Switch
Redundant Switch
Entry-Level Switch
Networking Computer
Communication Computer
<b>Ethernet I/O Server</b>
Serial Device Server
Media Converter
Multiport Serial Card
SFP Module
Din Rail Power Supply

## 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 \* RJ45, 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:** ±0.1% of FSR ±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, SNMP, DHCP Client, BootP for firmware update  
**Windows Utility:** Block I/O 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 Infomation

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