

# JetI/O 6510

## Managed Ethernet 8-CH Analog Input Module



- Ethernet Block I/O with 8 Channel Analog Input from 150mV to 10V, 20mA
- 16 bits resolution and high accuracy
- High/Low Voltage/Current active alarm
- 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



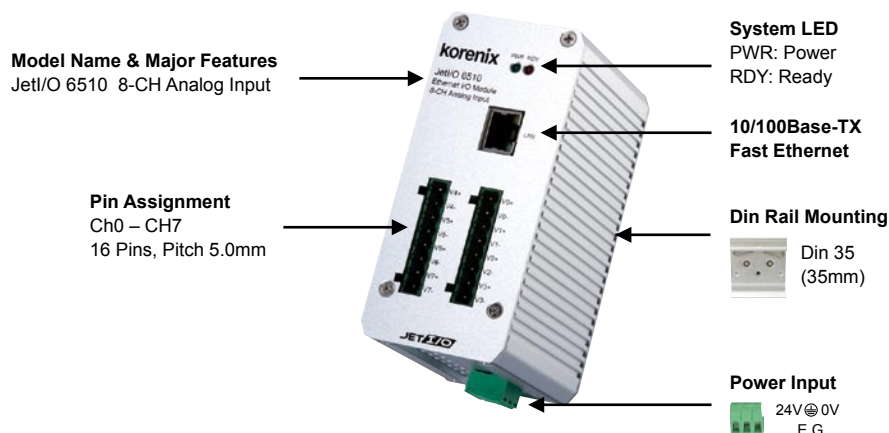
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### Overview

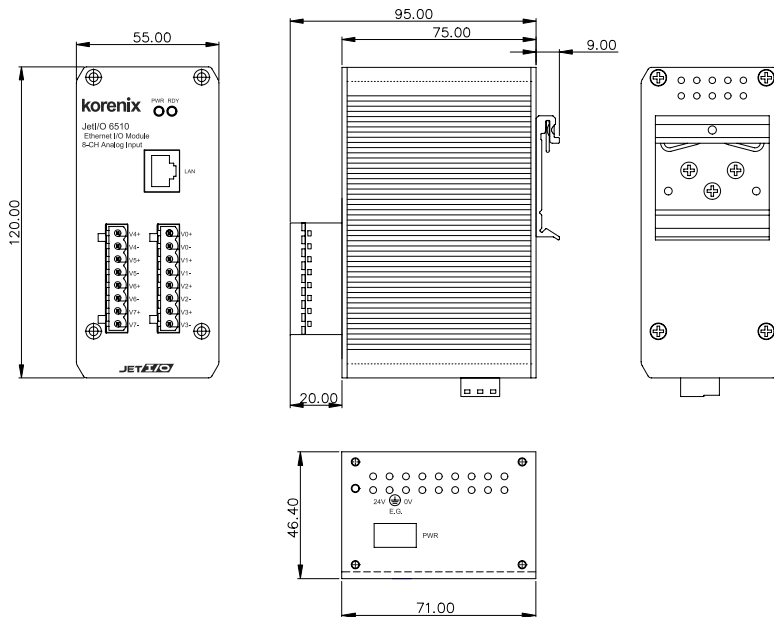
JetI/O 6510 is a Block I/O module equipped with one Ethernet port and 8 channels Analog Input connectors. JetI/O 6510 provides 16 bit resolution and high accuracy for I/O data collecting. The analog input range can support from 150mV to 10V and 20mA. The values are most adopted in the industrial environemnt.

JetI/O 6510 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 6510 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 Input

**Channels:** 8 Differential

**Resolution:** 16 bits

**Input Range:** Voltage:  $\pm 10V$ ,  $\pm 5V$ ,  $\pm 1V$ ,  $\pm 500mV$ ,  $\pm 150mV$   
Current:  $\pm 20mA$

**Accuracy:**  $\pm 0.05\%$  of FSR  $\pm 1LSB$

**Sampling Rate:** 10 samples/sec (total)

**Input Impedance:**  $10 M_{\Omega}$

**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

**I/O Rules:** High-/Low- Voltage/Current alarms

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

### Power Requirements

**System Power:** external unregulated +24V (18-32V)

**Power Consumption:** Max. 3.2 W

### 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:**  $-10 \sim 70^{\circ}C$

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

**Storage Temperature:**  $-20 \sim 80^{\circ}C$

**Warranty:** 3 years

### Ordering Infomation

Jet/O 6510 Industrial Managed Ethernet 8-CH Analog Input module.