

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



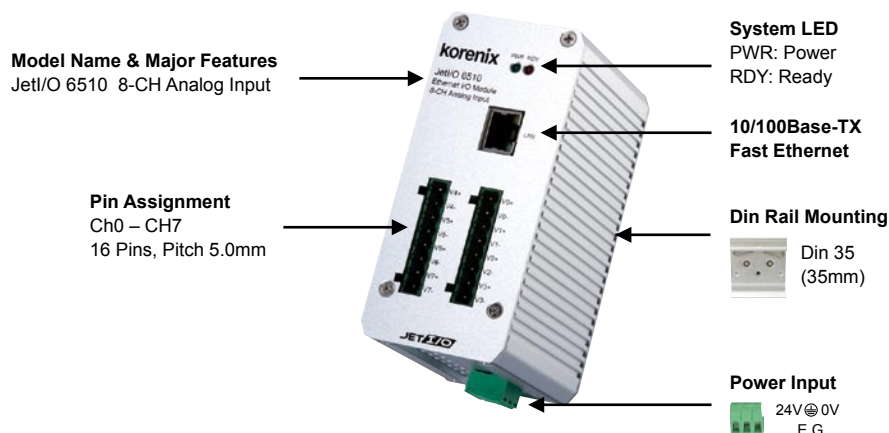
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Overview

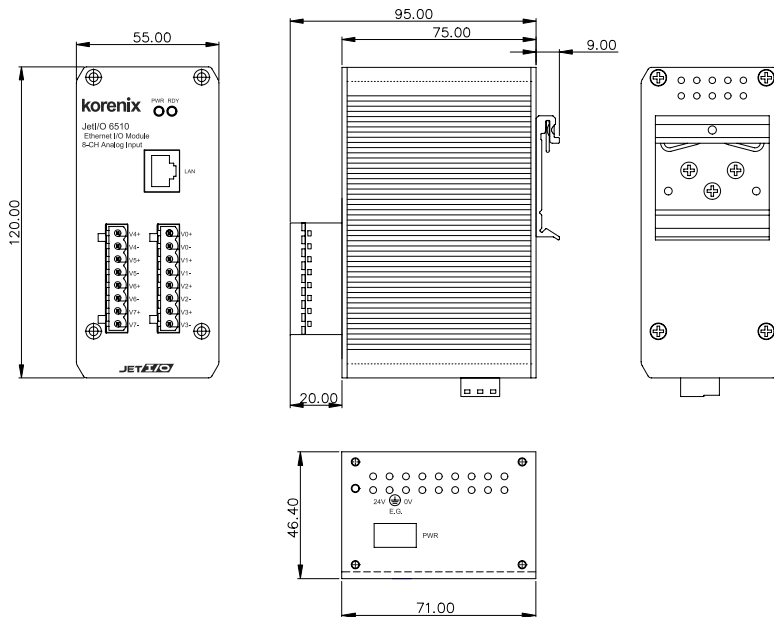
JetI/O 6510 is a Block I/O module equipped with one Ethernet port and 8 channels Analog Input connectors. JetI/O 6510 provides 16 bit resolution and high accuracy for I/O data collecting. The analog input range can support from 150mV to 10V and 20mA. The values are most adopted in the industrial environemnt.

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.