

JetI/O 6510

Intelligent 8-CH Analog Input Ethernet I/O Server



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

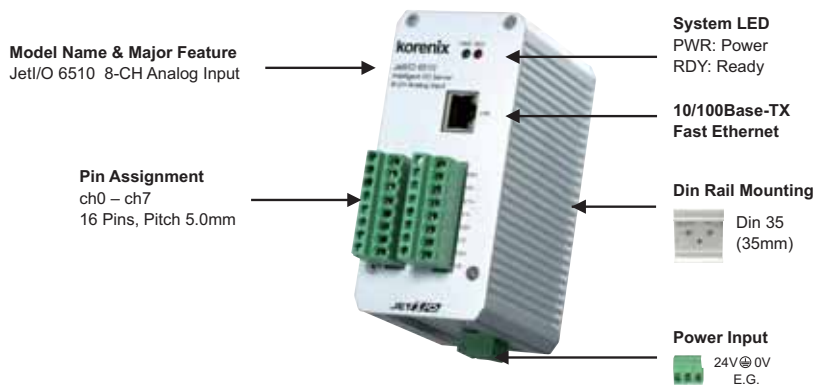


Overview

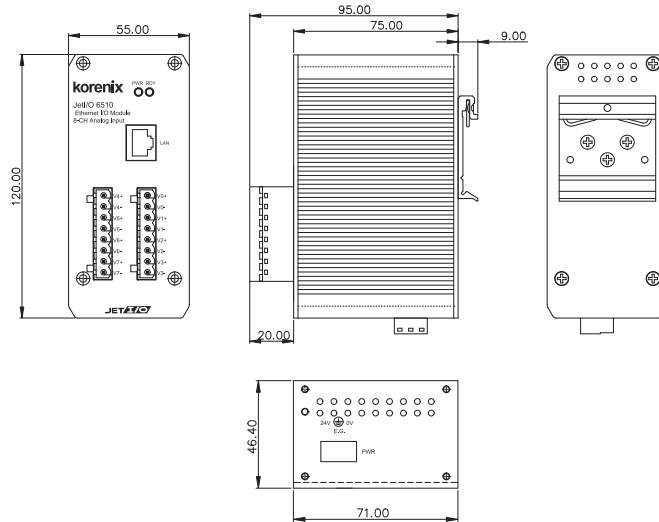
JetI/O 6510 is an intelligent I/O server equipped with one Ethernet port and 8 Analog Input channels. JetI/O 6510 provides 16 bits resolution and high accuracy for I/O data collecting. The analog input range can support from 150mV to 10V and 20mA. The values are most adopted in the industrial environment.

JetI/O 6510 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 of remote I/O devices.

JetI/O 6510 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
Ethernet I/O Server
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 Input

Channels: 8 Differential

Resolution: 16 bits

Input Range: Voltage: ±10V, ±5V, ±1V, ±500mV, ±150mV
Current: ±20mA with external 125Ω resistor

Accuracy: ±0.05% of FSR ±1LSB

Sampling Rate: 10 samples/sec (total)

Input Impedance: 10 MΩ

Calibration: On Board EEPROM

Isolation Voltage: 2500Vrms

Feature

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

Configuration: Windows Utility, SNMP, Web, 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 Trap and Private MIB

SNMP Trap Server: Up to 4 SNMP Trap Server

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

Power Requirement

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: -25 ~ 70°C

Operating Humidity: 0 ~ 95% non-condensing

Storage Temperature: -40 ~ 80°C

Warranty: 3 years

Ordering Information

Jet/I/O 6510 Intelligent 8-CH Analog Input Ethernet I/O Server