

JetI/O 6550

Intelligent 14-CH DI and 8-CH DO Ethernet I/O Server



- 14-Ch Digital Input with DI and Event Counter mode
- 8-Ch Digital Output with DO and Pulse Output mode
- Intelligent Condition-&-Go (IF-Then) logic rules
- Active events by logic rules or SNMP Trap
- 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



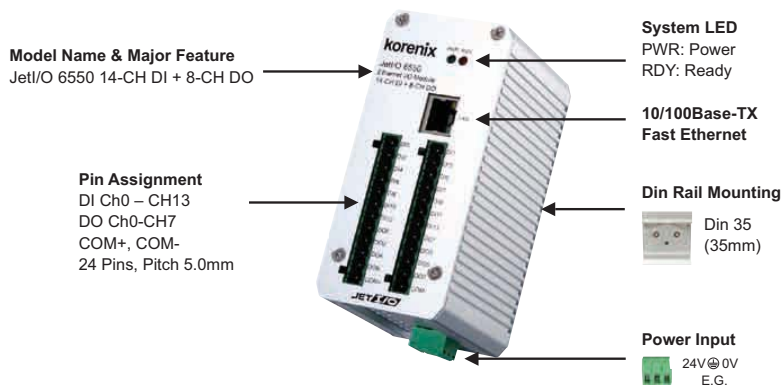
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Overview

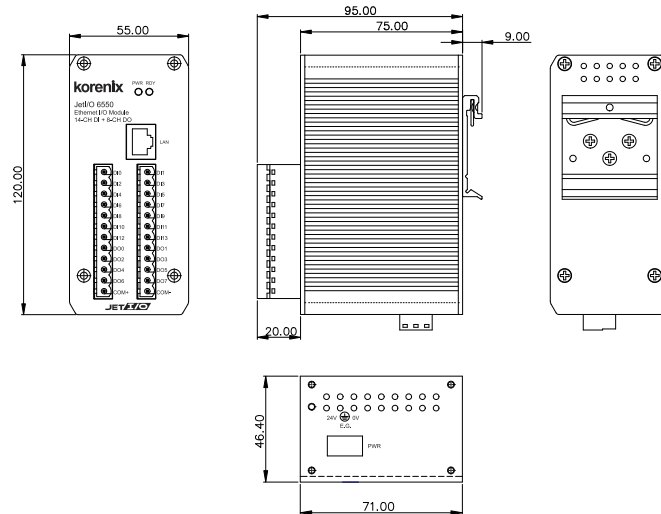
JetI/O 6550 is a Block I/O module equipped with 14 channels Digital Input, 8 channels Digital Output connectors. JetI/O 6550 provides digital input and event counter for input mode, digital output and pulse output for output mode. The flexible Condition-&-Go (IF-Then) rules can help users to define intelligent logic rule for remote I/O control.

JetI/O 6550 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 6550 Appearance



Dimensions



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 * 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)

Digital Input

Input Channels: 14 Channels
Input Type: source type
Input Mode: D/I or event counting with input frequency of 100 Hz max
DC Input: 30V max
Threshold Voltage: 4V
Responding Time to Host PC Request: <2ms
Isolation Voltage: 2500Vrms
Digital Output
Output Channels: 8 Channels
Output Type: SSR output, sink type
Output Mode:
 Level or pulse output with programmable pulse width
Working Range: 5-40VDC

Driving Capacity: 250mA max

Responding Time to Host PC Request: <2ms

Output Initial State: Programmable

Isolation Voltage: 2500Vrms

Feature

Network Protocols: IP, TCP, UDP, SNMP, HTTP, BOOTP, DHCP, Modbus/TCP, OPC Server
Configuration: Windows Utility, Web, SNMP, DHCP Client, TFTP Server for firmware update
Windows Utility: Block I/O Utility, Device Finder 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 Condition&Go Rules: Conditions of the DI/Counter values, Actions include DO/Pulse, Counter Reset and Trap

Power Requirement

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

Power Consumption: Max. 1.92W

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

JetI/O 6550 Intelligent 14-CH DI and 8-CH DO Ethernet I/O Server