

JetI/O 6550

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



Best IO Modules of Automation-2009



CE FC RoHS

- 14DI+8DO
- P2P
- SDK
- Modbus/TCP
- Free OPC
- Win 7

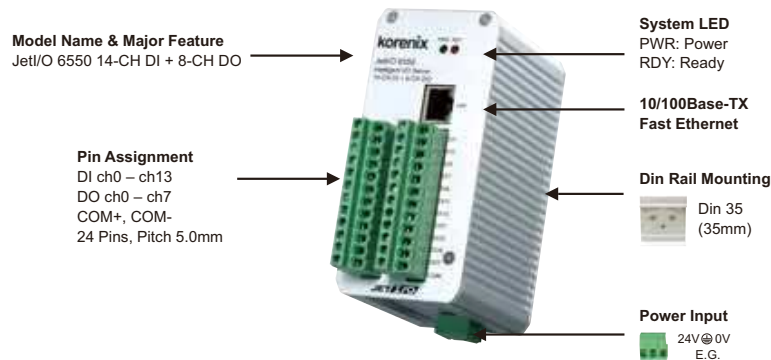
- 14-Ch Digital Input with DI and Event Counter mode
- 8-Ch Digital Output with DO and Pulse Output mode
- Intelligent Condition&Go (IF-Then) logic rules
- Active events by logic rules or SNMP Trap
- Flexible peer-to-peer I/O through one-to-one, one-to-many, many-to-one, and many-to-many communication
- Unicast for network efficiency and true remote I/O
- Free OPC server and Modbus/TCP support
- Windows Utility / SNMP / Web for easy configuration and management
- Built-in watchdog timer and real-time clock
- IP31 grade case protection
- -25~70°C operating temperature for hazardous environmental application

Overview

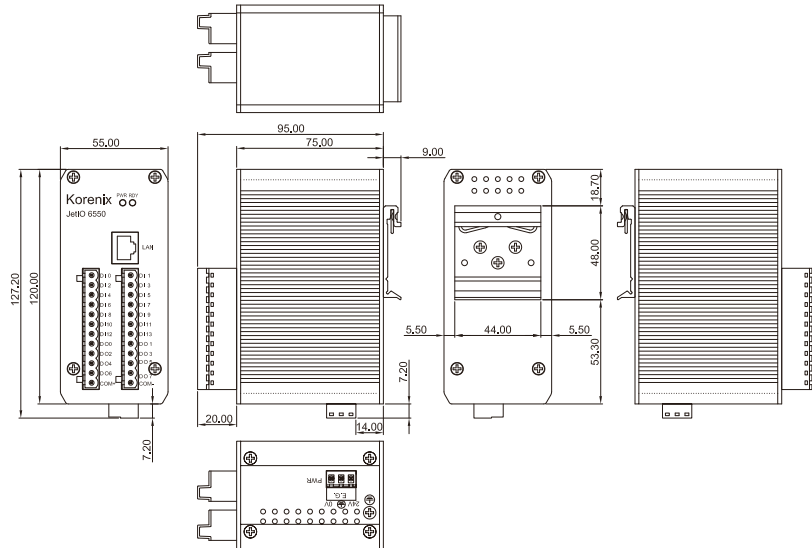
JetI/O 6550 is an intelligent I/O server equipped with 14 Digital Input, 8 Digital Output channels. JetI/O 6550 provides digital input and event counter for input mode, digital output and pulse output for output mode. The flexible Condition-&-Go (IF-Then) rules can help users to define intelligent logic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

JetI/O 6550 provides Windows Utilities, SNMP and Web configuration, industrial Modbus/TCP protocol and OPC Server driver for integrating JetI/O with existing HMI/SCADA. It also features 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 (Unit = mm)



- Industrial Intelligent NMS
- Rackmount PoE Plus Switch
- Industrial PoE Plus Switch
- Industrial 12-24V PoE Switch
- Industrial PoE Switch
- Rackmount L3/L2 Switch
- Gigabit Managed Switch
- Managed Ethernet Switch
- Entry-level Switch
- Wireless Outdoor AP
- Embedded PoE/Router Computer (LINUX)
- Industrial Communication Computer (WIN/LINUX)
- Ethernet/PoE/Serial Board
- Ethernet I/O Server**
- Media Converter
- Serial Device Server
- SFP Module
- Din Rail Power Supply

Specifications

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)

Digital Input

Input Channels: 14 Channels

Input Type: source type

Input Mode: DI/ 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 output 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, BootP for firmware update

Flexible peer-to-peer I/O: one-to-one, one-to-many, many-to-one, and many-to-many communication

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 3 SNMP Trap Server

Logic Condition&Go Rules: Conditions of the DI/Counter values, Actions include DO/Pulse, Counter Reset and Trap

Logic Rules Remote mirror mode: Single host

to host, Condition of DI and Action of DO

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

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