

JetI/O 6550

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



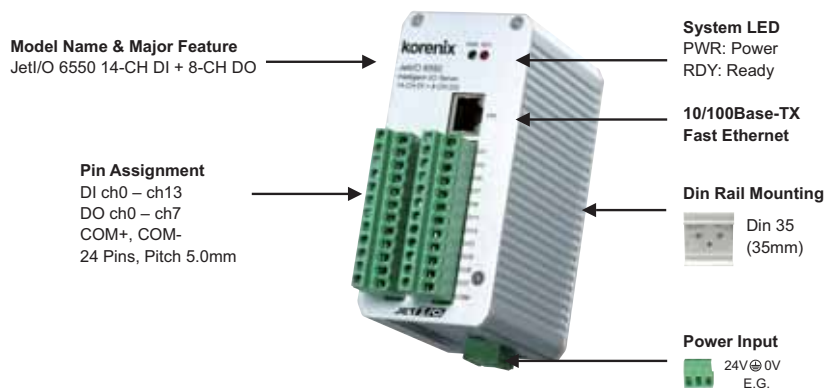
- 14-Ch Digital Input with DI and Event Counter mode
- 8-Ch Digital Output with DO and Pulse Output mode
- Intelligent Condition-&-Go (IF-Then) logic rules
- Active events by logic rules or SNMP Trap
- Support OPC Server Driver
- Windows Utility, OPC Server Utility, Modbus/TCP protocol, SNMP and web display
- Built-in watchdog timer and real-time clock
- Din-Rail Mount, Robust Aluminum case with IP31 protection

Overview

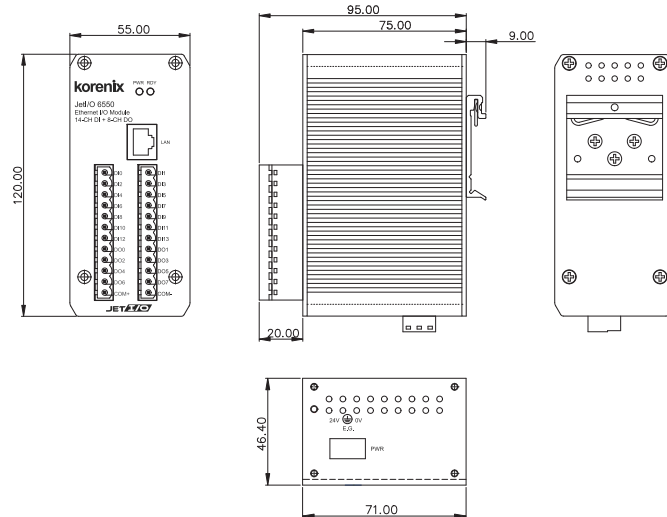
JetI/O 6550 is an intelligent I/O server equipped with 14 Digital Input, 8 Digital Output channels. JetI/O 6550 provides digital input and event counter for input mode, digital output and pulse output for output mode. The flexible Condition-&-Go (IF-Then) rules can help users to define intelligent logic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



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)

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 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

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

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

Multipoint
Serial Card

SFP Module

Din Rail
Power Supply