

# JetI/O 6550

## Managed Ethernet 14-CH DI and 8-CH DO Module

- 14-Ch Digital Input with DI and Event Counter mode
- 8-Ch Digital Output with DO and Pulse Output mode
- Intelligent Conditions&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



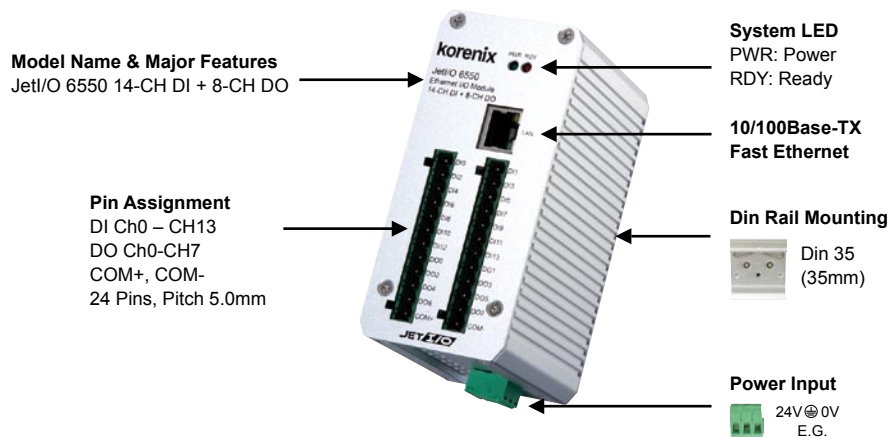
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### Overview

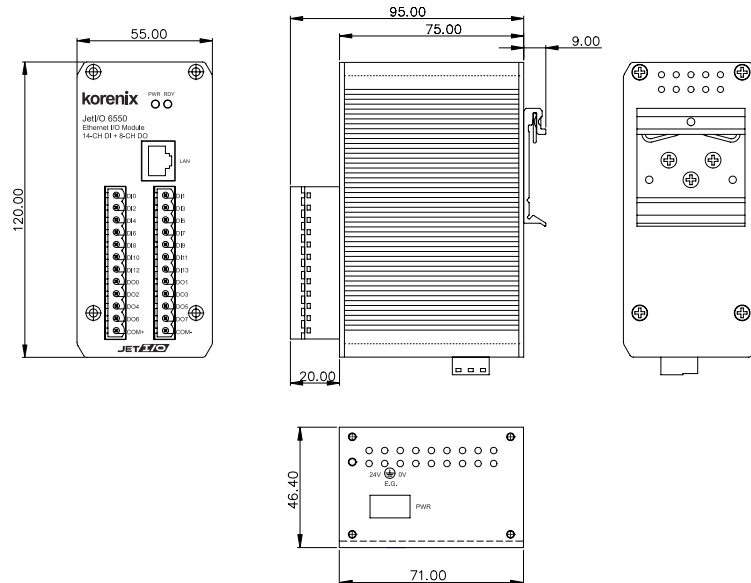
JetI/O 6550 is a Block I/O module equipped with 14 channels Digital Input, 8 channels Digital Output connectors. JetI/O 6550 provides 16 bit resolution and high accuracy. It also supports event counter for DI mode, pulse output for DO mode. The flexible Conditions&Go (IF-Then) rules can help users to 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:** 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)

### 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 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

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

**Program:** C++ Example code by optional

### Power Requirements

**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:** -10 ~ 70°C

**Operating Humidity:** 20 ~ 90% non-condensing

**Storage Temperature:** -20 ~ 80°C

**Warranty:** 3 years

### Ordering Infomation

**Jet/IO 6550 Industril Managed Ethernet 14-CH DI and 8-CH DO module.**