

Korenix Product Selection Guide – Industrial Ethernet IO



Jet/O 6510



Jet/O 6511



Jet/O 6512



Jet/O 6520



Jet/O 6550

	Analog Input	Analog/Thermocouple Input	RTD Input	Analog Output	Digital Input/Output
--	--------------	---------------------------	-----------	---------------	----------------------

Analog Input

Channel	8	8	4		
Resolution	16 bits	16 bits	16 bits		
Input Range	±10V, ±5V, ±1V, ±500mV, ±150mV, ±20mA	K/J/N/C/E/B/T/R/S Thermocouple; ±2.5V, ±1V, ±500mV, ±100mV, ±50mV, ±15mV, ±20mA	RTD: PT100, NI 120		

Analog Output

Channel				4	
Resolution				12 bits	
Output Range				0-10V, ±10V; 0-20mA	

Digital Input

Channel					14
Input Mode					DI/Event Counter
Driving Capacity					Logic 1: 30Vmax / Logic 0: 0-4V

Digital Output

Channel					8
Output Mode					DO/Pulse Output
Driving Capacity					5-40V range, 250mA max

Mechanical

Dimension (mm)		120 (H) x 55 (W) x 75 (D)		120 (H) x 55 (W) x 75 (D)	
Mounting		Din Rail Mount		Din Rail Mount	
Case Protection		Rigid Aluminum with IP31 Protection		Rigid Aluminum with IP31 Protection	
Operating Temperature		-25 ~ 70°C		-25 ~ 70°C	

Feature

Isolation		2500Vrms		2500Vrms	
Peer to Peer	●	●	●	●	●
Unicast	●	●	●	●	●
Modbus/TCP	●	●	●	●	●
OPC Server	Free	Free	Free	Free	Free
Window Utility	●	●	●	●	●
SNMP	●	●	●	●	●
Active I/O	●	●	●	●	●
Condition&Go Logic, P2P Mapping	●	●	●	●	●
SDK (VB, VB. NET, VC++, C#)	●	●	●	●	●
Others		Web Display, DHCP Client, BootP Upgrade, TCP/IP		Web Display, DHCP Client, BootP Upgrade, TCP/IP	

Certification

Regulatory Approvals: CE / FCC	●	●	●	●	●
RoHS/WEEE	●	●	●	●	●

JetI/O 6510

Intelligent 8-CH Analog Input Ethernet I/O Server

- Ethernet Block I/O with 8 Channel Analog Input from 150mV to 10V, 20mA
- 16 bits resolution and high accuracy
- High/Low Voltage/Current active alarm
- Intelligent Condition&Go (IF-Then) logic rules
- 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
- Built-in watchdog timer and real-time clock
- SNMP / Web for easy configuration and management
- IP31 grade case protection
- -25~70°C operating temperature for hazardous environmental application



Best IO Modules of Automation-2009



CE FC ~~RoHS~~

- 8-CH Analog Input
- P2P
- SDK
- Modbus/TCP
- Free OPC
- IP31

JetI/O 6511

Intelligent 8-CH Thermocouple Input Ethernet I/O Server

- Ethernet Block I/O with 8 Channel Thermocouple Input, low voltage and wide range current Analog Input
- 16 bits resolution and high accuracy
- Accurate measurements with cold junction compensation
- High/Low Temperature/Current/voltage active alarm
- Intelligent Condition&Go (IF-Then) logic rules
- 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
- Built-in watchdog timer and real-time clock
- SNMP / Web for easy configuration and management
- IP31 grade case protection
- -25~70°C Operating temperature for hazardous environmental application



Best IO Modules of Automation-2009



CE FC ~~RoHS~~

- 8-CH Thermocouple
- P2P
- SDK
- Modbus/TCP
- Free OPC
- IP31

Jet/O 6512

Intelligent 4-CH RTD Input Ethernet I/O Server

- Ethernet Block I/O with 4 Channel RTD Input
- 16 bits resolution and high accuracy
- Supports 3-/4-/5-wire PT100, Ni120 types RTD
- High/Low Temperature active alarm
- Intelligent Condition&Go (IF-Then) logic rules
- 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
- Built-in watchdog timer and real-time clock
- SNMP / Web for easy configuration and management
- IP31 grade case protection
- -25~70°C operating temperature for hazardous environmental application



Best IO Modules of Automation-2009



CE FC ~~RoHS~~ RoHS



Jet/O 6520

Intelligent 4-CH Analog Output Ethernet I/O Server

- Ethernet Block I/O with 4 Channel Analog Output
- 12 bit resolution and high accuracy
- Independent output operation with 0-10V, -10V, 0-20mA
- Programmable output slew rate
- Intelligent Condition&Go (IF-Then) logic rules
- 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
- Built-in watchdog timer and real-time clock
- SNMP / Web for easy configuration and management
- IP31 grade case protection
- -25~70°C operating temperature for hazardous environmental application



Best IO Modules of Automation-2009



CE FC ~~RoHS~~ RoHS



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
- 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
- Built-in watchdog timer and real-time clock
- SNMP / Web for easy configuration and management
- Din-Rail mount with robust aluminum case and IP31 protection
- -25~70°C Operating temperature for hazardous environmental application



Best IO Modules of Automation-2009



CE FC RoHS

14DI+8DO	P2P	SDK
Modbus/TCP	Free OPC	IP31

Peer to Peer IO – Efficient Solution to Extend IO Signals

JetI/O series support advanced peer-to-peer remote I/O function for extending IO signals over an Ethernet or IP network. With this enhancement, all JetI/O modules, including analog input, analog output, temperature detection, digital input/output models, can interact with one another in a flexible, effective manner by building a real-time network communication and thus allowing users to save energy and reduce network traffic.

The logic result of I/O channels from one JetI/O device can be sent to more than one peer JetI/O devices, without additional intermediate controllers, for modifying their channel status. The communication is very flexible, including “one-to-one”, “one-to-many”, “many-to-one”, as well as “many-to-many” scenarios. With their flexible design, the AO/DO/Counter/Pulse channels can remotely react to the AI/Temperature/DI/Counter channels.

