

JetCon 6350

12-Ch DI + 4-CH DO Smart Ethernet I/O Converter



- 12-Ch Digital Input plus 4-Ch Digital Output
- Multi-form Peer to Peer modes, point to point, point to multiple points
- Smart logic rules
- Supports Event Counter and Pulse Output mode
- Industrial Modbus/TCP protocol
- Windows Utility and Web Display
- Built-in watchdog protects against system failure
- Safe mode operation for network link lost
- Din-Rail mount with robust aluminum case and IP31 protection

CE FC RoHS

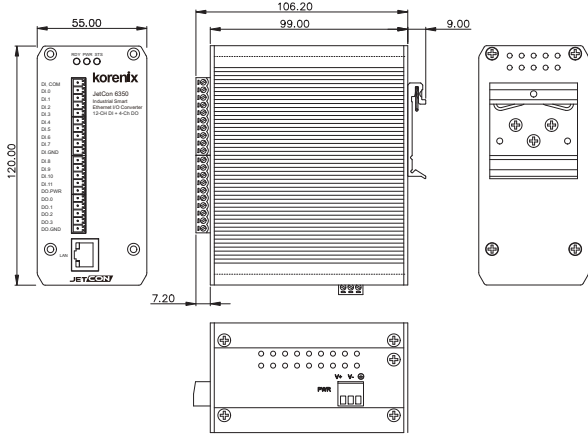
- Industrial PoE Switch
- IP67/68 Ethernet Switch
- Rackmount Managed Switch
- Gigabit Switch
- Redundant Switch
- Entry-Level Switch
- Networking Computer
- Communication Computer
- Ethernet I/O Server
- Serial Device Server
- Media Converter**
- Multiport Serial Card
- SFP Module
- Din Rail Power Supply

Overview

The JetCon 6350 is a smart I/O to Ethernet converter equipped with 12 channels of Digital Input and 4 channels of Digital Output. The JetCon 6350 provides the digital input, event counter modes, digital output and pulse output modes. The flexible local logic rules and the Peer to Peer function can support users to configure point to point, point to multiple point or multiple to one point operating.

The JetCon 6350 provides the Windows Utility, and Web Interface for configurations. Industrial Modbus/TCP protocol is applied to integrating JetCon with existed HMI/SCADA. In addition, the robust aluminum case has good heat dispersing and IP31 protection. With the JetCon 6350, users can easily perform status monitoring and control the remote I/O devices.

Dimensions (Unit –mm)



Specification

System

CPU: 100MHZ, RISC-Based

SDRAM: 32K bytes

Flash ROM: 512K bytes

EEPROM: 2K bytes

Watchdog Timer: Embedded watchdog to auto reset system when system failure

LED:

PWR: Power Input plugged and On (Green)

RDY: System startup ready (Yellow)

STS: System fail (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:

LAN Activity: Green On & Blinking

Network Speed: 10M (Yellow Off) /100M (Yellow ON)

Digital Input

Input Channels: 12 Channels

Input Type: source type

Input Mode: D/I or event counting

DC Input: 30V max

Threshold Voltage: 3.8V

Responding Time to Host PC Request: <2ms

Isolation Voltage: 3.75KVrms

Digital Output

Output Channels: 4 Channels

Output Type: FET output, sink type

Output Mode: Level or pulse output with programmable pulse width

Working Range: 5-30VDC

Driving Capacity: 200mA @23°C

Responding Time to Host PC Request: <2ms

Output Initial State: Programmable

Isolation Voltage: 3.75KVrms

Protection: over-current 400mA/channel trip @23°C

Isolated Power supply

Power supply: 5V/200mA, power on/off with Configuration

Isolation Voltage: 3KVdc

Feature

Network Protocols: IP, TCP, UDP, HTTP, BOOTP, DHCP, Modbus/TCP

Configuration: Network, I/O setting, Watchdog, Firmware update

Windows Utility: JetCon 6300 Commander

Logic Rules: Conditions of the DI/Counter values, Actions include DO/Pulse and Counter, Peer to peer

Peer to Peer: One to one, multiple to one or one to multiple peers

Power Requirements

System Power: external unregulated +24V (10-30V)

Power Consumption: Max. 2W

Mechanical

Dimensions: 120 (H) x 55 (W) x 99 (D) mm

Mounting: Din-Rail

Material: Aluminum

Environmental

Operating Temperature: -25 ~ 70°C

Operating Humidity: 20 ~ 90% non-condensing

Storage Temperature: -40 ~ 85°C

Regulatory Approvals

EMI: FCC Class B;

CE/EN55022:2003, Class B;

CE/EN61000-3-2:2000 Harmonic test;

CE/EN61000-3-3:1995 Flicker test

EMS: EN61000-4-2:2001, ESD test, Level 3(Contact +/- 6KV, Air +/- 8KV)

EN61000-4-3:2002, RS test, Level 3 (10V/m)

EN61000-4-4:2004, EFT test, Level 3 (Power supply +/- 2KV/5KHz, I/O 1KV/5KHz)

EN61000-4-5:2001, Surge test, Level 3 (L-N: +/- 2KV)

EN61000-4-6:2003, CS test, Level 3

Vibration: IEC60068-2-6

Shock: IEC60068-2-27

Free Fall: IEC60068-2-32

Warranty: 3 years

Ordering Information

JetCon 6350 12-Ch DI + 4-CH DO Smart Ethernet I/O Converter