JetCon 6330
16-Ch DI Smart Ethernet I/O Converter

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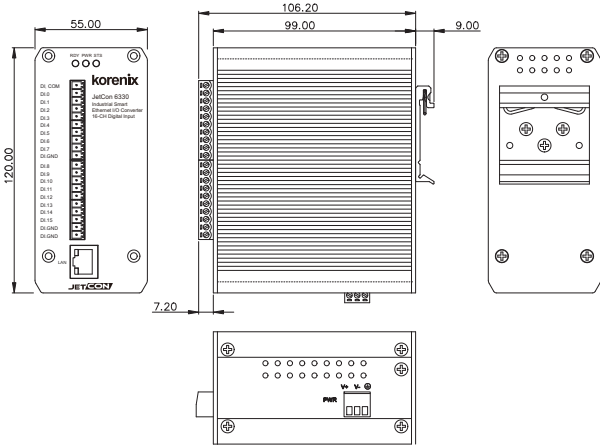- Din-Rail mount with robust aluminum case and IP31 protection

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Overview

The JetCon 6330 is a smart I/O to Ethernet converter, equipped with 16 channels Digital Input. The JetCon 6330 provides digital input and the event counter for the input mode. The smart Peer to Peer function can support users to configure point to point, point to multiple points or multiple to one point operation. Thus, the JetCon 6330 can operate along with the remote JetCon 6350 directly.

The JetCon 6330 provides the Windows Utility and the Web interface for configuration. Industrial Modbus/TCP protocol is applied to integrating the JetCon 6300 series with existed HMI/SCADA. In addition, the robust aluminum case has good heat dispersing and IP31 protection. With the JetCon 6330 series, users can easily perform status monitoring and control the remote I/O devices.

Dimensions (Unit –mm)

JETCON

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: 16 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
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: Windows Utility, Web browser, Firmware update
Windows Utility: JetCon 6300 Commander

Logic Rules: Conditions of the DI/Counter values, Actions include 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 6330 16-CH DI Smart Ethernet I/O Converter