

CIE-H14

(4Ports Remote I/O Controller)



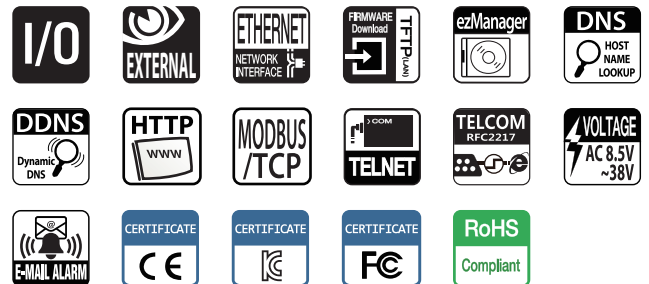
Overview

CIE-H14在远程通过以太网（因特网）提供监视数字输入端口，控制输出端口的功能。控制及监视通过Modbus/TCP或是HTTP通信构成,且依据输入端口的简单逻辑，提供控制输出端口的功能，可通过多样的方法进行应用。

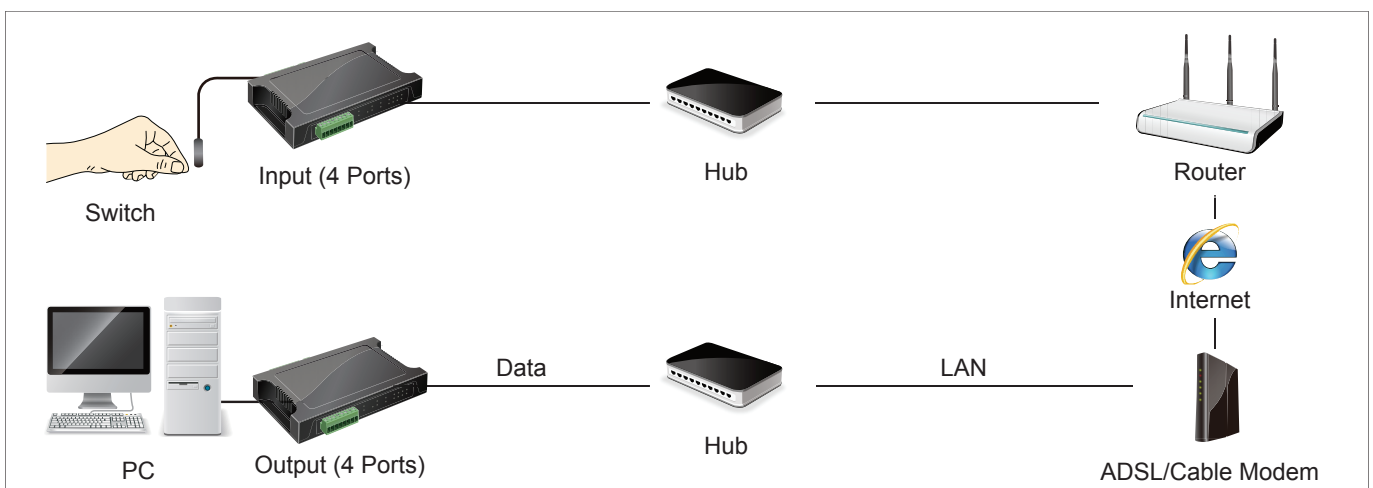
Highlights

- 远程对 Digital Input/Output Port 监视/控制
- 4 路Digital输入端口 (photo-coupler interface)
- 4 路Digital输出端口 (relay interface)
- 通过Modbus/TCP 或(HTTP)监视/控制
- 提供上传用户网页功能
- 支援简单的逻辑方程(支持独立运作)
- 提供输入/输出端口状态变更信息邮件传送功能
- DC8.5V ~ 38V (Polarity auto detection)
- 保安功能(IP/MAC filtering, Password)
- 支援DHCP, PPPoE (支持在多种动态IP环境下使用)

Icons



Applications



Specifications

Digital Input Port	
Number of Ports	4
Interface	Isolated by Photo-coupler
Electric Parameter	MAX VIL=1.2V, MIN VIH=1.8V
Maximum Input Voltage	DC 24V
Digital Output Port	
Number of Ports	4
Interface	Isolated by Relay
Relay Capacity	5A (DC28V)
Serial Physical Interface	
Serial Interface	1 x RS232 Port
	RXD, TXD, RTS, CTS, DTR, DSR
	±15KV ESD Protection
Connector	DB9M Connector
Serial Port Property	
Data Rate	300 bps ~ 230,400 bps
Data Bits	5, 6, 7, 8 bits
Parity	None, Even, Odd, Mark, Space
Stop Bit	1, 1.5, 2
Network Physical Interface	
Network Interface	10Base-T/100Base-TX Ethernet (RJ45)
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense
	1000 VAC Isolation
Software Functions	
Protocols	TCP, UDP, IP, ICMP, ARP, Ethernet, TELNET
	TFTP, DHCP, PPPoE, DNS, HTTP, Modbus/TCP
	Telnet COM Port Control Option (RFC2217)
Security	IP & MAC filtering - Restrict host or network
	Password for Configuring
Digital I/O Port Communication Mode	Modbus/TCP, HTTP
	Stand alone (by simple equation)
Serial Communication Mode	TCP Server (T2S)
	TCP Client (COD)
	TCP Server/Client with AT command (ATC)
	UDP Mode (U2S)
Additional Functions	Remote Debug Function
	TCP Server/Client Mode
	Sending MAC address Option

Indicators (LEDs)

Power	Red
Status	Green
Ethernet Link	Green
Ethernet RXD	Green
Ethernet TXD	Green
Digital Input	4 Green x 4
Digital Output	4 Green x 4

Management

ezManager	Configuration and Monitoring Tool through Network and Serial
Telnet	Telnet Login
AT Command	Configuring in ATC mode

Supplementary Software

ezManager	Configuration Tool for Windows
ezVSP	Serial to Network Virtual Driver for Windows
ezTerm	Simple TCP/IP Communication Test Tool

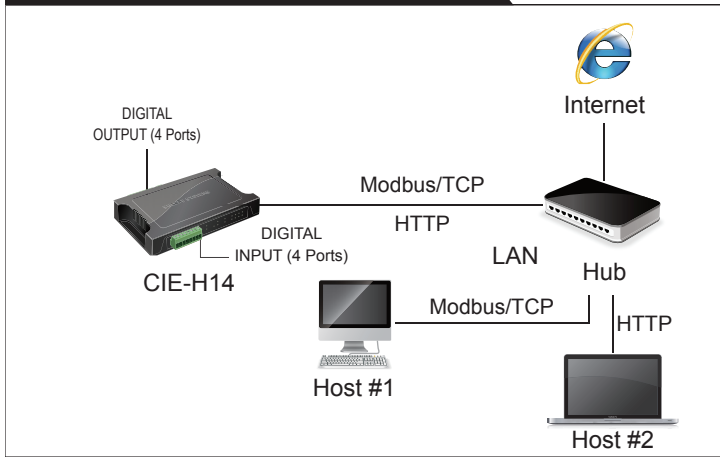
Dimension

Size	174mm x 123mm x 28mm
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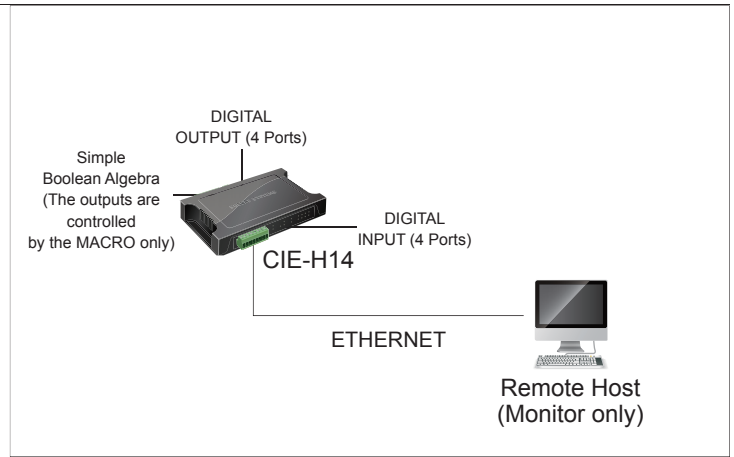
Operating Environment

Input Voltage	DC 8.5 ~ 38V
Power Consumption	3W typical
Operating Temperature	0°C ~ +70°C
Storage Temperature	-40°C ~ +85°C

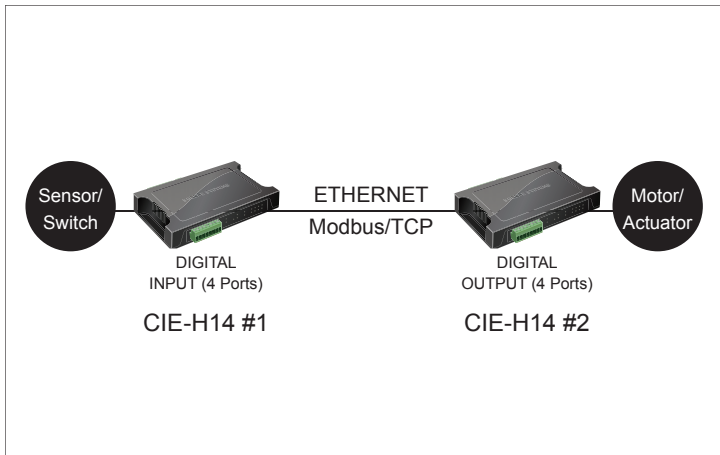
System Diagram



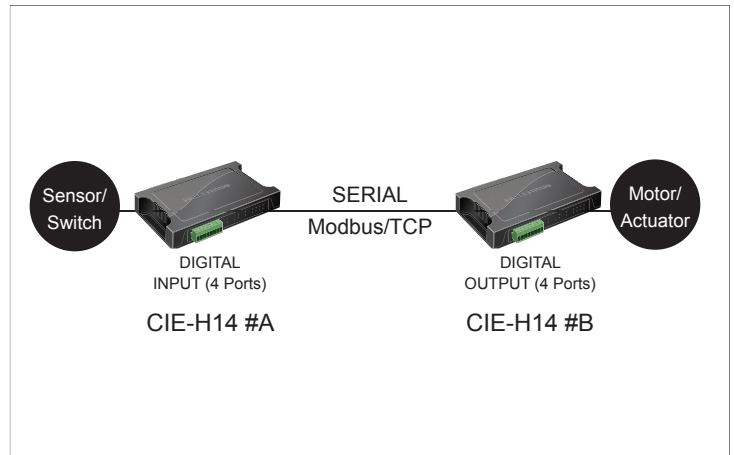
Modbus/TCP and HTTP



MACRO (Stand Alone)



INTERNET SWITCH



SERIAL SWITCH