

# CIE-H12

## (Remote I/O Controller)



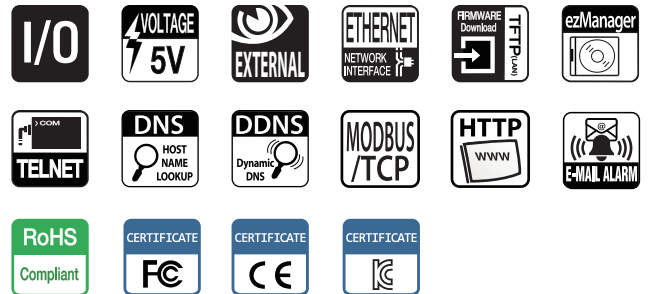
### Overview

CIE-H12通过局域网(因特网)提供远程监视数字输入端口, 控制数字输出端口的功能。支持2个输入端口与1个输出端口, 故适合控制/监视对象为1~2个的经济型产品。控制及监视通过Modbus/TCP或WEB(HTTP)通信实现, 同时输入端口根据简单的逻辑方程提供控制输出端口的功能, 故可通过多样化的方法应用。

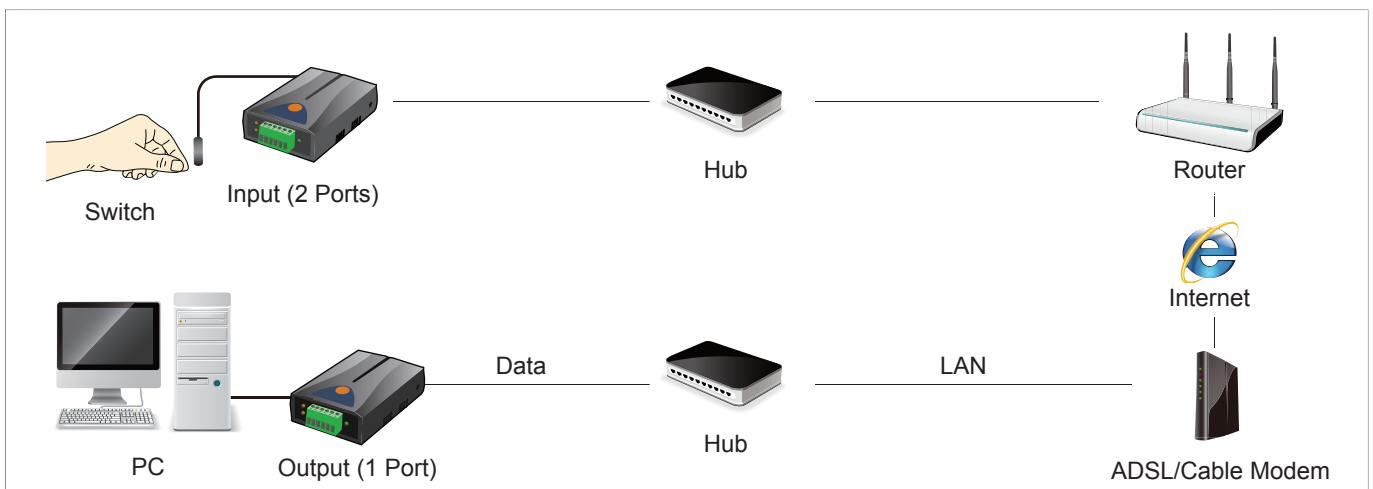
### Highlights

- 远程进行数字输入/输出 监视/控制
- 2 路数字输入端口 (Dry contact 1端口, Wet contact 1端口)
- 1 路数字输出端口 (Relay interface)
- Modbus/TCP 监视/控制
- 通过网页(HTTP)监视/控制 (提供用户网页上传功能)
- 支持简单的逻辑表达式控制 (可独立工作)
- 提供输入/输出端口状态变更信息邮件传送功能
- 保安功能 (IP/MAC filtering, Password)
- 支援DHCP, PPPoE (支持在多样的动态IP环境下使用)

### Icons



### Applications



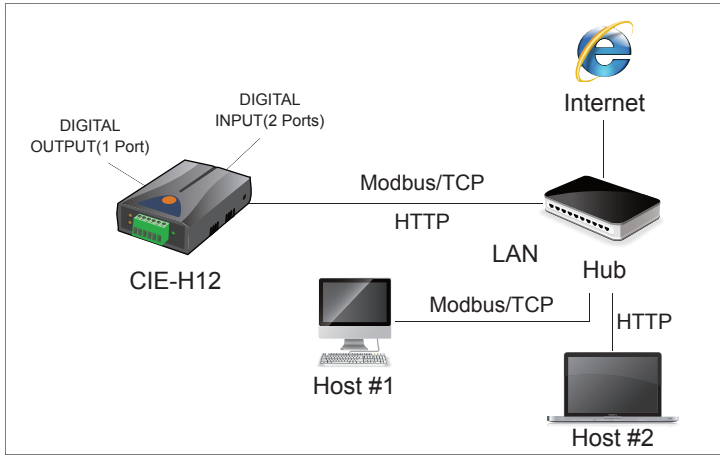
# Specifications

Digital Input Port	
Number of Ports	2
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	1
Interface	Isolated by Relay
Relay Capacity	5A (DC28V)
Network Physical Interface	
Network Interface	RJ45 (10Base-T/100Base-TX Ethernet)
	Ethernet Speed Auto Sense
	1:1 or Cross-over Cable Auto Sense
	1000 VAC Isolation
Software Functions	
Protocols	TCP, UDP, IP, ICMP, ARP, DHCP, PPPoE
	DNS, DDNS, HTTP, Modbus/TCP
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)
Additional Functions	Remote Debug Function
Indicators(LEDs)	
Status	Yellow, The current status
Ethernet Link/RXD/TXD	Green
Digital Input	Yellow x 2
Digital Output	Green
Management	
ezManager	Configuration and Monitoring Tool through Ethernet
Telnet	Telnet Login
Supplementary Software	
ezManager	Configuration Tool for Windows
ModMap	Management of I/O controllers for Windows
Dimension	
Size	96mm x 57mm x 24mm

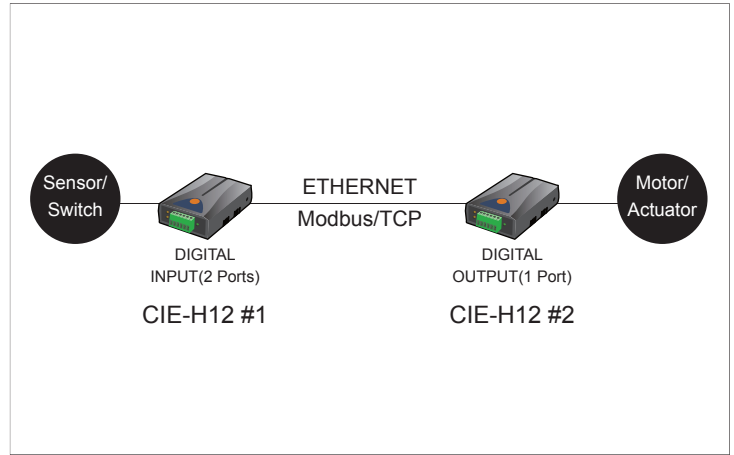
# Operating Environment

Input Voltage	DC 5±0.5V
Current Consumption	305mA typical
Operating Temperature	0°C ~ +70°C
Storage Temperature	-40°C ~ +85°C

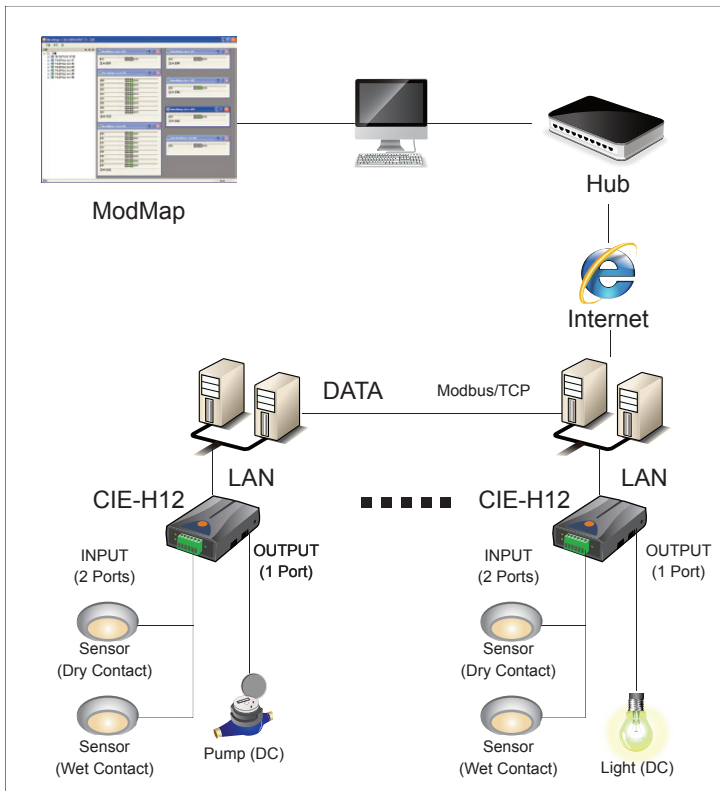
## System Diagram



**Modbus/TCP and HTTP**



**INTERNET SWITCH**



**MODBUS/TCP Device Management Application**