

Data Sheet

# CIE-H12A | Remote I/O Controller



## Overview

CIE-H12A是由2个数字输入端口，1个输出端口构成的远程I/O控制器，用户可在远程通过因特网监视及控制连接在各端口的设备。

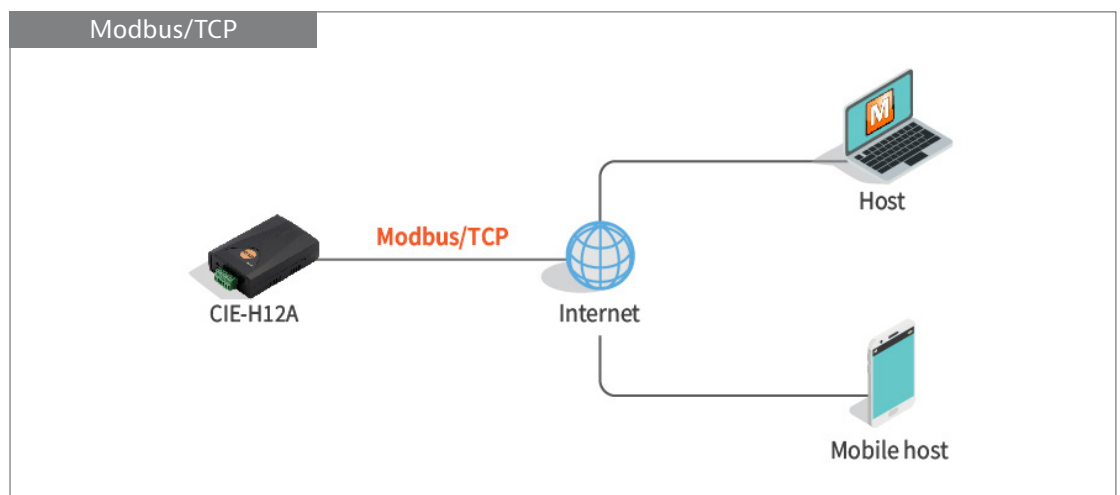
CIE-H12A按Modbus/TCP或是HTTP方式通信。Modbus/TCP方式的情况可使用我公司免费提供的ModMap软件或是应用支持Modbus/TCP的HMI程序。HTTP方式的情况使用浏览器，网页可按用户用途进行变更。

而且还提供逻辑方式控制输出端口的MACRO功能。

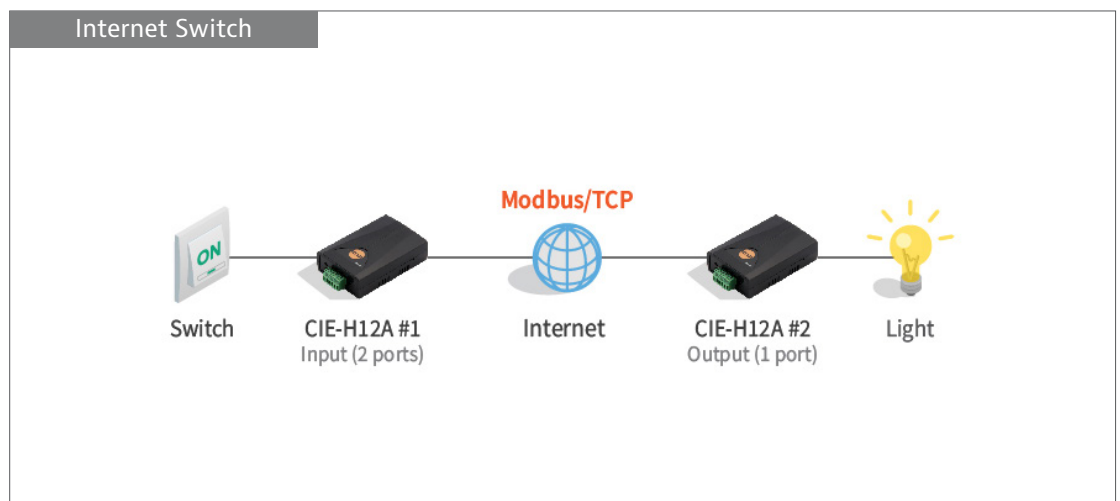
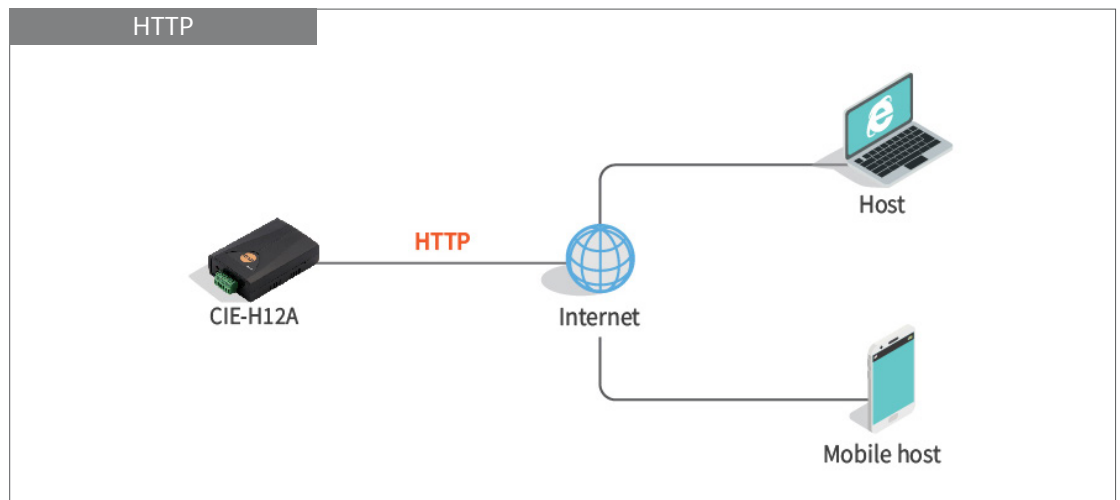
## Features

- 2个数字输入端口(DRY, WET)
- 1个数字输出端口
- 支持Modbus/TCP
- 支持WEB(HTTP)
- 因特网开关应用
- 无偿提供监视/控制程序(ModMap)

## System Diagram



# System Diagram



## Specifications

| Digital Input Port  |  |
|---------------------|--|
| DRY Input           | Isolated by photo-coupler<br>ON - short, OFF - open  |
| WET Input           | Isolated by photo-coupler<br>ON - over DC 2.2V, OFF - under DC 1.2V<br>Maximum input voltage - DC 24V                  |
| Digital Output Port |  |
| Output Port         | Isolated by relay<br>Type A (ON - short, OFF - open)<br>Relay capacity - 5A (DC 28V, resistive load)                   |
| Ethernet Port       |  |
| Interface           | 10Base-T/100Base-TX Ethernet (RJ45)<br>10M/100M auto sense<br>1:1 or Cross-over cable auto sense<br>1000 VAC isolation |

# Specifications

| Software Functions            |   |
|-------------------------------|---|
| Protocols                     | Modbus/TCP, HTTP, TCP, UDP, IP, ICMP, ARP, DHCP, PPPoE, TELNET, TFTP, DNS, DDNS, SMTP |
| Security                      | IP & MAC filtering  |
|                               | Password for configuring  |
| Controlling/Monitoring Method | Modbus/TCP, HTTP, Macro   |
| Indicators                    |   |
| RJ45 LED                      | STS, LINK   |
| I/O Port LED                  | DI x 2, DO x 1  |
| Supplementary Software        |   |
| ezManager                     | Configuration tool for Windows  |
| ModMap                        | Management tool of I/O controllers for Windows  |
| Dimension                     |   |
| Size                          | 96 x 57 x 24 [mm]   |
| Weight                        | 70g   |
| Operating Environments        |   |
| Input Voltage                 | DC 5±0.5V   |
| Current Consumption           | 300mA (typical condition)   |
| Operating Temperature         | -40 ~ +85 [°C]  |
| Storage Temperature           | -40 ~ +85 [°C]  |
| Certificate                   |   |
| Korea                         | KC - Registration (KN 32, KN 35)  |
| Europe                        | CE - EMC 2014/30/EU, RoHS 2011/65/EU  |