

Easy Way to the
INTERNET

CIE-H10



OUTPUT - 8PORT
(RELAY)

ISP

RS232

10/100BASE-T

LED

INPUT - 8PORT
(PHOTOCOUPLER)



- Remote Monitor and Control digital Input/Output Port
- 8 Digital Input Port (photo-coupler interface)
- 8 Digital Output Port (relay interface)
- Supports Modbus/TCP and Web Server(HTTP)
- Stand-Alone Operation
- Built-in serial device server
- Online Debugging Function
- Supports DHCP, PPPoE for xDSL
- Supports variety of TCP/UDP host connecting modes
- AT commands to control network connection
- Supports Host name lookup (DNS)
- Supports DDNS (Dynamic DNS)
- Easy configuration utility via network (ezManager)
- Virtual COM Port Redirector (ezVSP) included
- Firmware is upgradeable through network
- Environmentally-friendly RoHS compliant

CIE-H10 is a remote I/O Controller.

You can monitor digital Input and control digital Output over the Internet. It supports Modbus/TCP, HTTP and simple macros for stand-alone operation so that you can use it for various applications. Additionally, your serial devices can be remotely controlled, managed and monitored over the Internet by using an optional serial port.



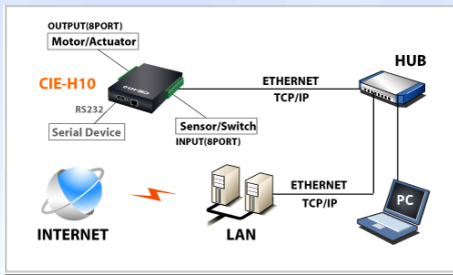
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General Information : ezTCP@sollae.co.kr Sales&Distribution : sales@ezTCP.com Technical Support : support@sollae.co.kr

System Diagram



Specifications

*Digital Input Port

Number: 8 ports

Interface: isolated by Photo-coupler

Electric Parameter: MAX VIL=1.2V, MIN VIH=1.8V

*Digital Output Port

Number: 8 ports

Interface: isolated by Relay

Relay Capacity: 5A (DC28V),
10A (AC125V), 5A (AC250V)

*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 ~ 230400 bps

Data Bits: 5, 6, 7, 8 bits

Parity: None, Even, Odd

Stop Bit: 1, 1.5, 2

Flow Control: RTS/CTS Hardware

* 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, Ethernet, TELNET

TFTP, 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), Remote Digital I/O

Communication Mode :

TCP server (T2S)

TCP client (COD)

TCP server/client with AT command (ATC)

UDP mode (U2S)

Additional Functions: Remote Debug Function

* Indicators(LEDs)

Power: Red

Status: Yellow, The current status

Ethernet Link: Red - 10M Ethernet,

Green - 100M Ethernet

Ethernet RXD: Yellow

Ethernet TXD: Green

Digital Input: 8 LEDs

Digital Output: 8 LEDs

* Processors

CPU: ARM7 Core

ROM: 256K bytes Flash Memory

RAM: 64K bytes SRAM

* Management

ezManager: Configuration and Monitoring Tool through Ethernet

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

hotflash: Firmware Upgrade Utility for Windows

* Dimension

Size: 153mm x 126mm x 32mm

Body Netweight: about 530g

* Operating Environment

Input Voltage: DC 5±0.5V

Power Consumption: 510mA typical

Operating Temperature: 0 °C ~ 55°C

* Approvals

CE : F690501/SP-EMC000976

MIC: SLS-CIE-H10 (A)

* Emissions

EN55022:1998/A1:2000/A2:2003 (Class A)

EN61000-3-2:2000

EN61000-3-3:1995/A1:2001

EN55024:1998/A1:2001/A2:2003

* Immunity

IEC61000-4-2:2001

IEC61000-4-3:2006

IEC61000-4-4:2004

IEC61000-4-5:2005

IEC61000-4-6:2006

IEC61000-4-11:2004



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