WebLink-2170

Web-enabled Communication Gateway

Features

- Two RS-232 and two RS-232/422/485 ports with automatic flow control
- Two 10/100Base-T RJ-45 ports
- Two USB ports
- Built-in Windows® CE with Advantech WinCE WebAccess Communication Gateway
- Supports various protocol drivers to communicate with different devices
- Multi-thread communication, response time is fast
- Configured by Web Browser
- Easy to diagnosis and maintenance, help to reduce maintenance cost
- Point transfer between comm. devices within one WebLink

Introduction

Advantech WebLink-2170 is fanless communication gateway, featuring Celeron® M 1 GHz and rich interfaces (such as serial, USB and LAN). Installed Advantech WinCE WebAccess, WebLink-2170 is a browser-based communication gateway, whose Web Server function increases the flexibility and convenience, and makes the user easy to configure and maintain the system via Internet. With built-in driver, WebLink-2170 can connect with variety of Automation equipment and devices, and get data from them.

Specifications

General

- **Dimensions (W x D x H)** 255 x 152 x 50 mm (10" x 6.0" x 2.0")
- **Enclosure** Aluminum
- **Mounting** Wall
- **Power Consumption** 24 W (Typical)
- **Power Input** Min. 48 W (9 ~ 36 V_{DC}) (e.g +24 V @ 2 A)
- **Weight** 1.6 kg

System Hardware

- **CPU** Celeron M 1 GHz
- **Keyboard/Mouse** 1 x PS/2
- **Memory** 512 MB DDR DRAM
- **VGA** DB15 VGA connector

Communications

- **Serial Ports** 2 × RS-232, 2 x RS-232/422/485 with DB9 connectors
  Automatic RS-485 data flow control
- **Serial Port Speed** RS-232: 50 ~ 115.2 kbps
  RS-422/485: 50 ~ 921.6 kbps (Max.)
- **LAN** 2 x 10/100 Base-T RJ-45 ports
- **USB Ports** 2 x USB, UHCI, Rev. 2.0 compliant
- **Parallel Ports** 1 x Parallel Port

Environment

- **Humidity** 95% @ 40° C (non-condensing)
- **Operating Temperature** -10 ~ 50° C (14 ~ 122° F) @ 5 ~ 85% RH.
- **Shock Protection** IEC 68 2-27
  50 G @ wall mount, half sine, 11 ms
- **Vibration Protection** IEC 68 2-64 (Random 1 Oct./min, 1hr/axis.)
  2 Grms @ 5 ~ 500 Hz

Software Specifications

- **Operating System** Windows CE
- **Installed Advantech WinCE WebAccess Communication Gateway with specification listed below:**
  I/O Tag Number   600
  Internal Tag Number   600
  Web Client   2
- **Number of I/O device** 64 (max)

Ordering Information

- **WLINK2170-600-W50E** Web-enabled Communication Gateway with WinCE WebAccess 600 tags