WEB-2040

NEW

Introduction

The WEB-2040 is the simplest and cost-effective, yet intelligent solution for Networking Management that offers the ease of implementation and flexibility to secure and diversify your Networking infrastructure with multiple functions.

The Web-2040 consists of a Card PC module equipped with CPU, VGA output, LAN, communication and input device; and the module's carrier board with 2 x RS-232, 1 x RS-485, 1 x 10/100 BaseT Ethernet interface and Digital I/O port. It can be either wall or din-rail mounted for increased installation flexibility.In addition to the hardware part, the WEB-2040 provides completed tools including the Windows® CE based Web Server platform, C-Script Engine and the Advantech proprietary utility that enable you to configure and manage your networking system ideally for your own needs. It can be deployed as a Web enabler for Industrial Automation, e-Server for VPN, Smart Router and Remote Management.

By exploring Advantech's strengths and innovations, the WEB-2040 series offers engineering flexibility by customizing the internal carrier board specifically to meet various ODM/OEM requirement.

Specifications

- **CPU:** 486/66MHz
- **Memory:** 32MB EDO RAM on board
- **VGA output port**
- **VGA memory:** 4MB share memory
- **VGA Resolution:**
  1024 x 768 @16 Million colors
  1280 x 1024 @64K colors

- **Solid State Disk:**
  1 x Internal CompactFlash™ Socket,
  1 x External CompactFlash™ Socket
- **Serial Ports:**
  2 x DB9 RS-232 ports (COM1, 2)
  1 x DB9 RS-485 port (COM 3)
- **Ethernet Port:**
  1 x 10/100 BaseT RJ45 Port
- **Ethernet Controller:** RTL-8139
- **GPIO:**
  1 x DB-15 connector for 6 x D/I,
  6 x D/O with protection
- **Note:** Digital Input Voltage - Low: 0.5V max. High: 2.4V max
  Digital Output Voltage - Open Collector 5 to 40V DC. Sink Current 200mA max
- **AT Keyboard and PS/2 Mouse**
- **Internal IDE Interface:**
  -Support 2 x enhanced IDE HDD
  -Header 44 pin
- **LED:** 1 x Power, 1 x HDD, 4 x Status LED

Dimension & Weight:

- **Chassis Size (mm) :** 188.8 x 106.5 x 35.5
- **Weight:** 0.7Kg

Power Supply

- **Voltage:** DC24V (Range DC12V ~ 35V)
- **Max.** Power Requirements: +24V@ 0.5A

Environmental Specifications

- **Operation Temperature:** 0 to 60°C
- **EMI/EMS:** Meets FCC/CE class A

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Software (Optional)

OS platform	Windows® CE 2.12
Remote Utility	PLC nodes configuration/programming Alarm Notification
Web Server	HTTP 1.0/1.1 compliant CGI Script Support C Script engine as a Interface of connected devices

Ordering Information:

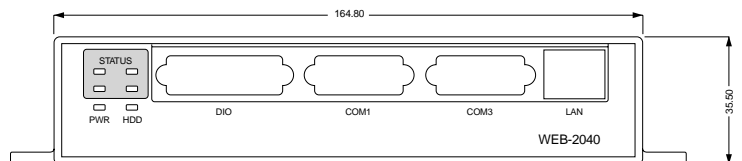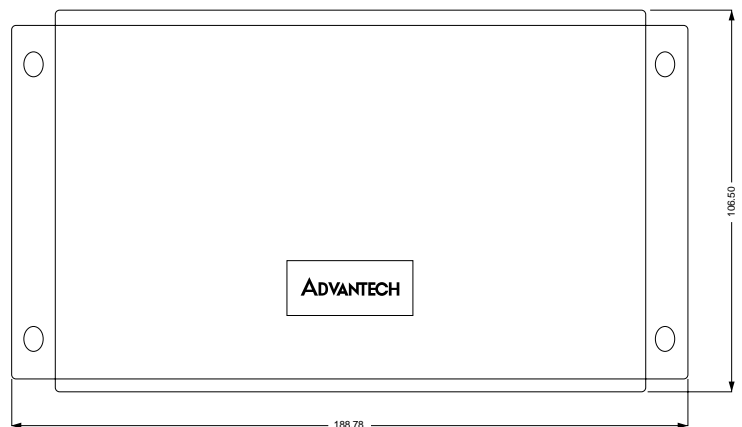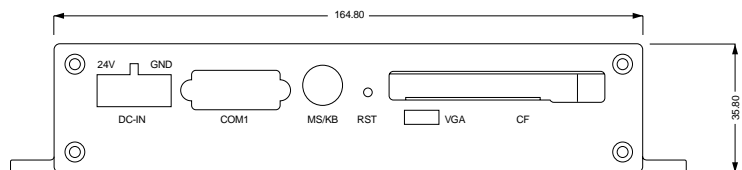|	
WEB-2040-0000	Hardware only
WEB-2040-1100	Hardware + 16MB CompactFlash™ + WebsCon developing tool kits
WEB-2040-2000	Hardware + 16MB CompactFlash™ + Windows® CE OS

Applications

- Web enabler for Industrial Automation
- Firewall
- e-Server for VPN
- Home Web Appliance
- Smart Router
- Web controller
- Remote boot-up & Management System

Dimension

Unit: mm

Function Table

Specfication	WEB-2040
486 CPU/66MHz	Yes
32MB EDO RAM on board	Yes
64-bit, 4MB VGA	Yes
1 x Internal CompactFlash™ Socket	Yes
1 x External CompactFlash™ Card	Yes
2 x DB9 RS-232 ports(COM1,2)	Yes
1 x DB9 RS-485 port(COM3)	Yes
Ethernet Interface	1
Ethernet Controller: RTL-8139	Yes
GPIO(D I/O ports)	Yes
AT Keyboard and PS/2 Mouse	Yes
IDE Interface	Yes
FDD/Printer Interface	No
Power Supply Voltage	DC24V (Range DC12V ~ 35V)

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