# ALERTON®

# BCM-WEB

## Features and highlights

- **Web-capable**
  Reads graphics and BACnet data from any BACtalk® controller and translates it as Web pages.

- **Scalable**
  Combine BACtalk control modules (BCMs) to fulfill unique processing and network integration requirements.

- **Powerful**
  256 MB RAM, 32-bit processor, and 128 MB of flash RAM provide a fast, reliable platform.

- **Flexible**
  Accommodates configurations for several of the most common applications.



The new Alerton® BCM-WEB is a cost effective Web server that automatically reads building automation system (BAS) data from Alerton's BACtalk® system and translates the data to Web pages. The BCM-WEB supports up to 130 devices and three concurrent users. It maintains alarm history information, trendlog data and user activity, and supports archiving historical data and emailing alarms. The BCM-WEB is scalable and compatible with existing BACtalk systems, and is an economic alternative to WEBtalk for small to medium sized buildings.

Use Envision for BACtalk v2.5 to configure the BCM-WEB, which, once installed, operates without an Envision for BACtalk server. Users can create and edit up to 150 schedules, 150 alarms and 150 trendlogs. A "bread-crumb" feature enables users to keep track of their location and a new menu structure simplifies navigation.

The typical BCM-WEB configuration includes the BCM-PWS, BCM-ETH and the BCM-WEB. For further expansion and connection to an external BACnet network, add any global controller, including third-party devices. DIN-rail mounting and a ribbon-cable connection to other BCMs also simplify expansion. You can quickly and easily add a network or integration option, which gives you unprecedented flexibility to adapt quickly as your connectivity, integration, processing, and control requirements change.

# BCM-WEB

## Technical data

- **Power**   No independent power supply required. Conditioned power is provided by the BCM-PWS through a ribbon-cable connection.

- **Data Backup**   7.2V 700mA-h battery in the BCM-PWS provides interim power for orderly shutdown and backup to flash memory in the event of power loss.

- **Connections**   NET 1–Internet, NET 2–reserved, USB reserved, Serial DB-9—reserved.

- **Processor & Memory**   Niagara Processor Module (NPM6). 128 MB flash RAM. 256 MB SDRAM for program execution. 32-bit, high-integration Motorola CPU.

- **Real-time Clock**   Onboard real-time clock retains date and time for up to 20 days without power. Initiates a daily time-synch to its configured devices.

- **Max. Dimensions**   6.5" (166mm)H x 5.5" (140mm)W x 5.0" (127mm)D.

- **Environmental**   32–122 deg. F (0–50 deg. C). 5–95% RH, non-condensing.

- **Ratings**

  Listed Underwriters Laboratories for Open Energy Management Equipment (PAZX) under  the UL Standard for Safety 916

  EMC Directive 89/336/EEC (European CE Mark)

  FCC Part 15, Subpart J, Class A

- **Software**

  Programming interface: Envision for BACtalk operator workstation software over BACnet Ethernet, version 2.5 or later

  BCM-WEB Configurator: Envision for BACtalk v2.5 plug-in (included)

## Ordering information

| Item number | Description |
| --- | --- |
| BCM-WEB | BACtalk control module, Web server and Configurator CD |

Specifications subject to change without notice