

# SW-VC4-BN-1000

## BACnet Network/IP License for Crestron Virtual Control, 1000 Objects



The Crestron® SW-VC4-BN-1000 BACnet license enables support for up to 1000 BACnet objects per license on a [VC-4-PC-3](#) Dell® micro computer or a standalone [VC-4 server](#). The SW-VC4-BN-1000 allows for all local devices to be connected to a Building Management System (BMS) via the BACnet protocol, as well as the ability to control all BMS devices from a touch screen.

### Native BACnet Network/IP Interface

BACnet network/IP support for Crestron Virtual Control provides a scalable, IP-based platform for implementing fully-integrated building management and automation. Built-in BACnet network/IP support enables seamless integration with existing building management systems, including integrated control of lighting, shades, HVAC, A/V equipment, BMS, security, voice, and data. All systems run independently and communicate with each other on the same platform.

### Licensing Options

Each Crestron Virtual Control installation supports up to 100 BACnet objects by default. For systems with more than 100 objects, at least one SW-VC4-BN-1000 license must be purchased. For systems with more than 1000 objects, multiple SW-VC4-BN-1000 licenses must be purchased based on the total required objects.

The Crestron Virtual Control installation provides two BACnet licensing options: online licensing via the [XiO Cloud® service](#), or offline licensing via the [USB-OFFLINE](#) dongle.

- For online licensing via the XiO Cloud service, the Crestron Virtual Control installation requires access to XiO Cloud to validate its licenses. An active XiO Cloud account is required, subject to the terms of the Crestron Cloudware License.<sup>1</sup> However, a paid XiO Cloud subscription is not required to manage licenses for the Crestron Virtual Control installation. Use the [XiO Cloud account registration](#) form to associate SW-VC4-BN-1000 licenses with an XiO Cloud account.
- For offline licensing via the USB-OFFLINE dongle, the dongle must be connected to the Crestron Virtual Control installation to validate its licenses. All BACnet licenses must be ordered and the [offline licensing form](#) must be completed prior to validating licenses via the USB-OFFLINE dongle. For more information, refer to the [Crestron Virtual Control Product Manual](#).

### Maximum BACnet Objects

Crestron Virtual Control supports a maximum of 10000 BACnet objects. Actual capabilities are contingent upon the overall program size and complexity. These limits assume the Crestron Virtual Control installation is dedicated for BACnet use only with no other significant control system functions.

For more information, refer to the [Crestron Device Library Help File](#).

### Model

#### SW-VC4-BN-1000

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#### Note:

1. The XiO Cloud® service is licensed under Crestron's Cloudware License Agreement, available at [www.crestron.com/Legal/software-products-on-premises-and-cloudware/cloudware-license-agreement](http://www.crestron.com/Legal/software-products-on-premises-and-cloudware/cloudware-license-agreement).

This product may be purchased from select authorized Crestron dealers and distributors. To find a dealer or distributor, please contact the Crestron sales representative for your area. A list of sales representatives is available online at [www.crestron.com/How-To-Buy/Find-a-Representative](http://www.crestron.com/How-To-Buy/Find-a-Representative) or contact us for additional information by visiting [www.crestron.com/contact/our-locations](http://www.crestron.com/contact/our-locations) for your local contact.

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