

# WAGO BACnet®/IP Controller

## Applications

- Custom programming for external equipment control in VRV project
- Connects WAGO I/O to BACnet/IP protocol



## Custom Programming for External Equipment control

The WAGO BACnet/IP Controller (750-831) is a programmable controller that connects the WAGO I/O system to the BACnet protocol. This controller provides the three following functionalities:

- **Native server:** BACnet objects are generated automatically for the DI, DO, AI, AO modules that are connected to the controller.
- **Application server:** Other supported BACnet objects can be created via programming and made available to a BACnet network.

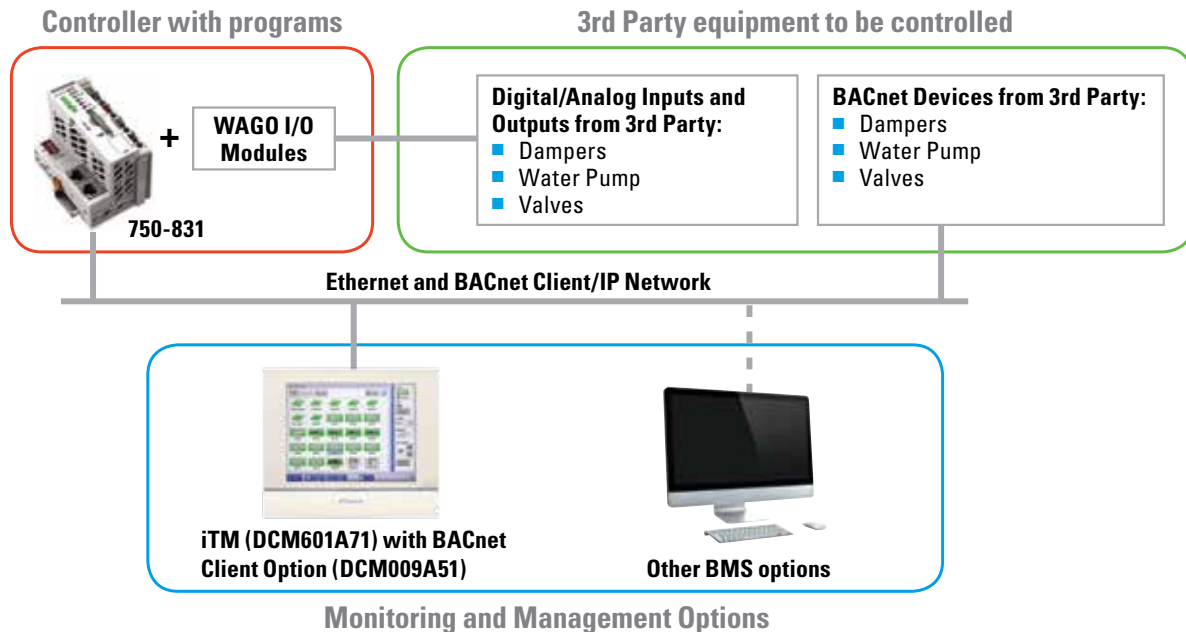


750-831  
WAGO BACnet/IP Controller

- **Application client:** Using the client functionality, BACnet objects and the properties of the external equipment can be accessed.

Daikin's VRV Marketing Controls Group will provide customizable programming (programming and commission fees apply) for applications where external equipment control is needed. The following application programs are now available:

- **Water Cooled VRV Valve Control:** Valve control for water cooled VRV project
- **Ambient Enclosure Heater Control:** Damper and auxiliary heater control for outdoor unit dog house projects in cold climate
- **Trending:** Trending Client for VRV
- **Custom programming available to fit individual project needs**



## Features

### Controller:

- Two Ethernet interfaces and an integrated switch allow the WAGO BACnet®/IP Controller to eliminate additional network devices, such as switches or hubs.
- An integrated web server provides configuration options to the user which includes IP address configuration
- On-board LEDs offer controller operation and error status.
- Multitasking-capable and features a battery-backed real-time clock.
- Removable SD memory card up to 32 GB
- Start-up and configuration of the BACnet IP controller is performed using the Windows-compliant WAGO I/O Check USB Kit.

### Programming Options:

- Standard application programming
  - Modification of standard programming
  - Custom programming to fit the project control specifications
- (Additional programming fee applies)*

## Related Part Lists

| PART NUMBER     | NAME                      | DESCRIPTION                             |
|-----------------|---------------------------|---|
| 750-831         | WAGO BACnet/IP Controller | WAGO BACnet/IP Controller               |
| 759-302/000-923 | WAGO I/O Check USB kit    | WAGO I/O Check CD ROM and service cable |
| 787-712         | 24 VDC Power Supply       | 24 VDC Power Supply                     |
| 750-600         | End Module                | WAGO End Module                         |

To obtain more information about the WAGO BACNET / IP Controller, please contact your local Daikin sales representative.



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