Advanced BMS Integration Solution with the intelligent Touch Manager™ 2+

DCM014A51 - iTM BACnet® Server Gateway Option

The intelligent Touch Manager™ is capable of serving as a BACnet interface for Building Management System (BMS) integration. With the iTM BACnet Server Gateway Option (DCM014A51), the iTM provides BMS integrators with the ability to monitor and/or control the VRV indoor and outdoor units, eliminating the need for an additional hardware interface. Moreover, with the latest software update to the iTM 2+ (v2.07), the iTM is able to serve as a service tool to access indoor and outdoor unit operation data. With the iTM BACnet Server Gateway Option, the operation data points for both the IDU (indoor unit) and ODU (outdoor unit) are also available to the BMS through BACnet.

Features

- Additional service data points are now available*:  
  - 6 new IDU service data points
  - 9 new common ODU service data points and 22 new service data points for each ODU module
- Direct connection on iTM using the BACnet/IP Protocol
- **BACnet virtual router** function implemented:  
  - **Individual BACnet device ID** assigned to each indoor unit group address and each outdoor unit
  - Indoor unit group names created in the iTM are visible on the BMS
- Easy commissioning using CSV file  
  - Available objects can be configured for each indoor unit
- Supports Change of Value (COV) notifications to the BMS
- Configurable as a BACnet foreign device if a BBMD exist on a different subnet within a BACnet network

- **Independent heating and cooling setpoints** for occupied and unoccupied periods
- Individual min/max **Setpoint Range Limitation** for heat and cool modes
- The **iTM’s auto changeover, setback, dual setpoint logic and schedule** can be accessed by the BMS
- Up to 128 Device IDs (including both indoor units and outdoor units) and up to 4000 BACnet objects can be monitored and controlled by BMS.
  - When the IDU/ODU operation data is enabled a total of 128 devices and 4000 BACnet points are available
- Up to 7 iTM Plus Adapters can be connected to an iTM for a total of 8 DIII-Net ports

* supported outdoor unit model only
Powerful Service Tool with Indoor and Outdoor Unit Operation Data Points

» When a problem occurs, the BMS integrators and Service Technicians can start troubleshooting immediately before going to the site.
» Indoor and outdoor operation data trending* by BMS can benefit the VRV service process.
* BMS programming needed

Enhanced BMS Integration Solution for Indoor Unit Operation

Individual Device instance number for each indoor unit (Configurable)

Object instance number repeated for every indoor unit point

Advanced iTM BACnet® Server Gateway Points

Schedule
- Auto Changeover
- Timer Extension Minutes
- Emergency Stop
- On/Off
- Occupied Dual Setpoint
- Setback Setpoints
- Setpoint Range Limitation
- Min. Cool/Heat SP Differential
- Setpoint Tracking Mode
- Remote Controller Prohibit
- Timer Extension
- And more basic functions...

How to Acquire
» The iTM BACnet® Server Gateway option is a software license that needs to be purchased.
» The iTM requires version 2.07 or later and a software license key to activate the BACnet Server Gateway software

Find out more about BACnet Server Gateway Option.
Contact your local Sales Representative, visit Daikin City or www.daikinac.com
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