![DZK DAIKIN ZONING KIT logo]

Project name:	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

DZK-BACNET-HUB4 DESCRIPTION

The Webserver HUB / BACnet gateway greatly enhances the control flexibility of the Daikin DZK by enabling centralized control and monitoring of individual dampers.

Model	DZK-BACNET-HUB4
Description	DZK HUB/BACnet Interface
Type of power supply	Vdc
Vmax	12 V supplied from Main Control Board
Imax	0.5 mA
Ethernet Cable	UTP cat 5
Standard	100BASE-TX
Default IP Address	DHCP
BACnet standards	BACnet/IP (ISO16484-5) BACnet MS/TP
Storage temp. range	-4 to 158°F (-20 to 70 °C)
Operation temp. range	32 to 113°F (0 to 45°C)
Operation humidity range	5 to 90% RH (non-condensing)
Size (WxHxD)	28.18x35.31x23.89 inch (71.6x89.7x60.7mm)
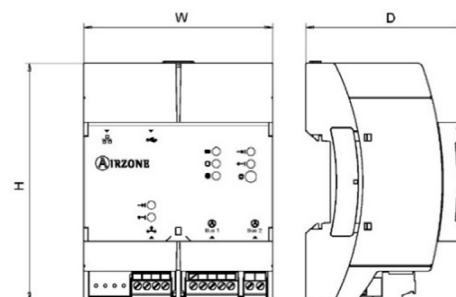
FEATURES

- Works as Airzone Cloud Webserver and BACnet gateway (*).
- Allows configuration and control of zone parameters and system parameters via Airzone Cloud APP.
- Built-in Bluetooth for router association.
- Open protocol control integration for Daikin DZK BACnet/IP (ISO16484-5)
- Centralized monitoring and control of individual zones
- Remote updates of the Webserver firmware and the systems connected to it.
- Control and monitoring points include:
    - Zone cooling set point temperature control
    - Zone heating set point temperature control
    - Zone temperature status
    - On/Off status and control
    - User Mode status and control
    - DZK system alarm input status
    - Zone cooling demand status (%)
    - Zone heating demand status (%)
    - Zone damper opening step
    - Associated indoor unit fan speed
    - Associated indoor unit error code

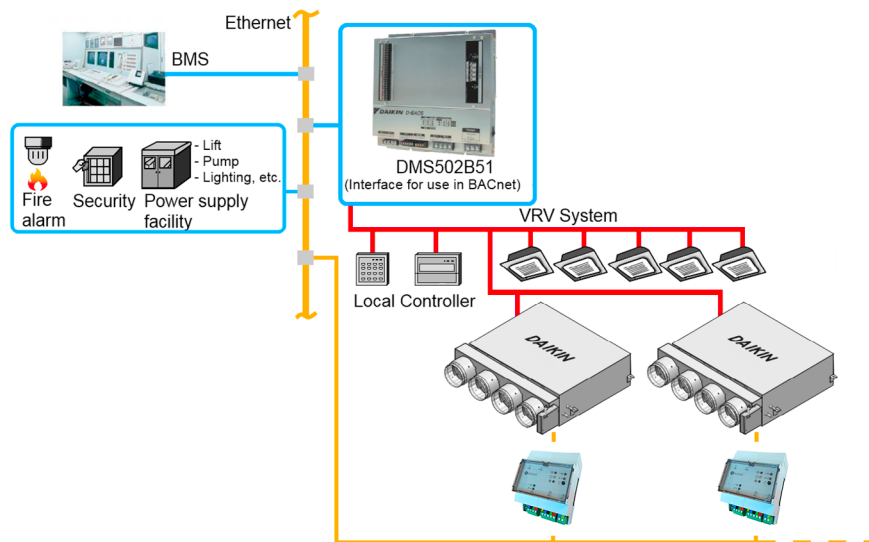| Project name:	
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(*)Note: Airzone Cloud control and BACnet integration can work simultaneously.

OPTIONAL ACCESSORIES

- **DMS502B71** – Daikin BACnet Interface
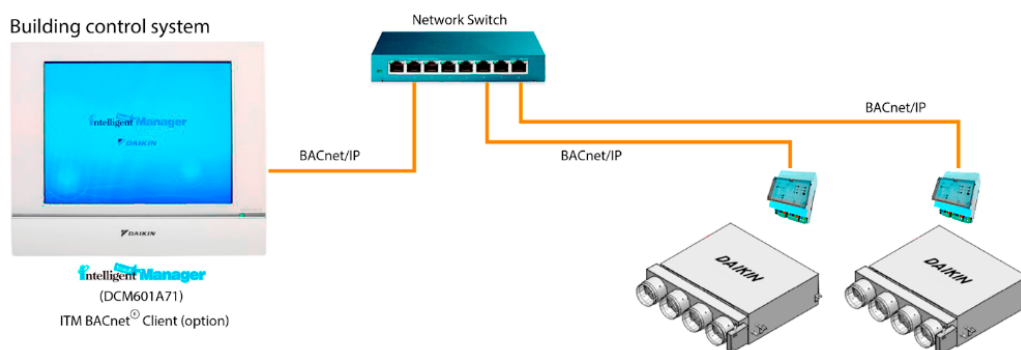- **DCM601A71+DCM009A51** – I-touch Manager + BACnet Client

INTEGRATION LAYOUT METHOD 1

Using DMS502B71

INTEGRATION LAYOUT METHOD 2

Using DCM601A71+DCM009A51

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INTEGRATION LAYOUT METHOD 3

Using BACnet MS/TP
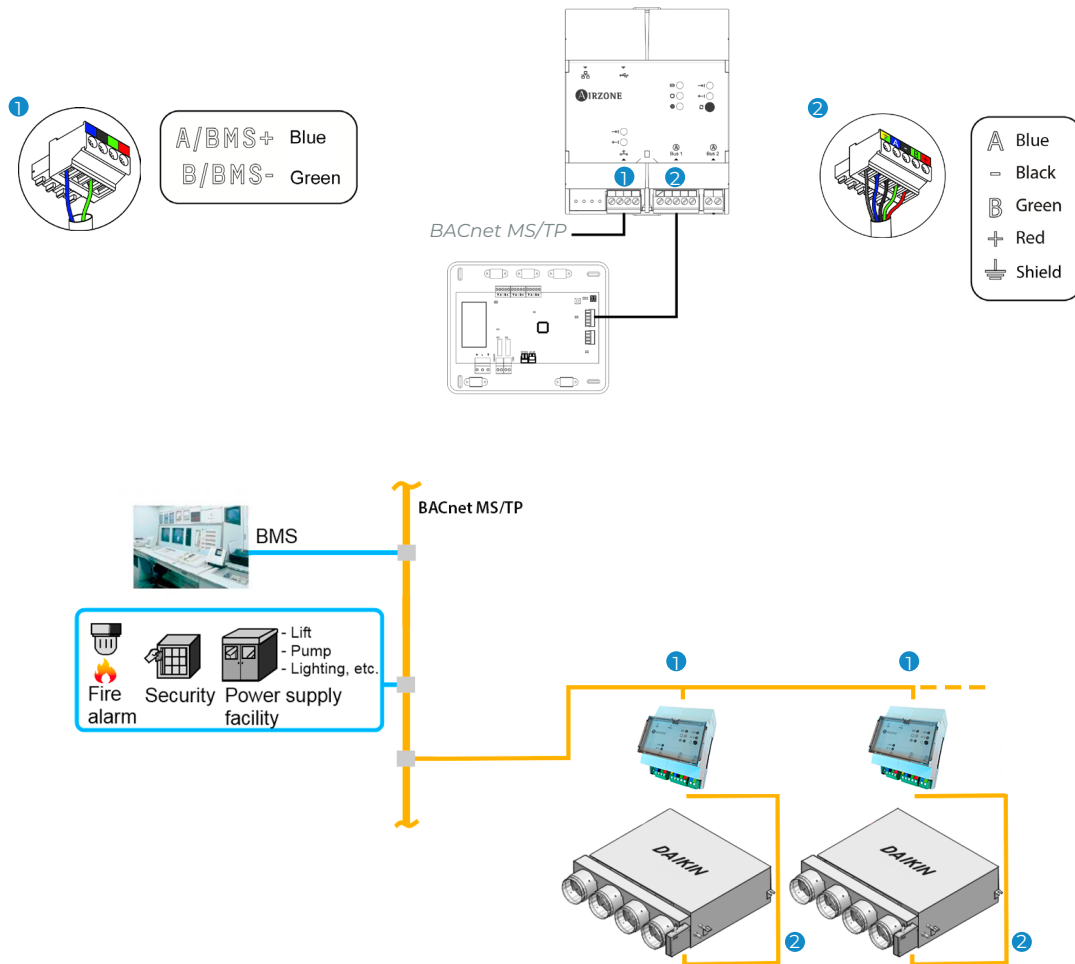
A/BMS+ Blue
B/BMS- Green

BACnet MS/TP

A Blue
— Black
B Green
+ Red
⏚ Shield

BMS

BACnet MS/TP

Fire alarm Security Power supply facility
- Lift
- Pump
- Lighting, etc.

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DEVICE ELEMENTS AND LED COMMUNICATION

Ethernet

INT **DM1** **DM2**
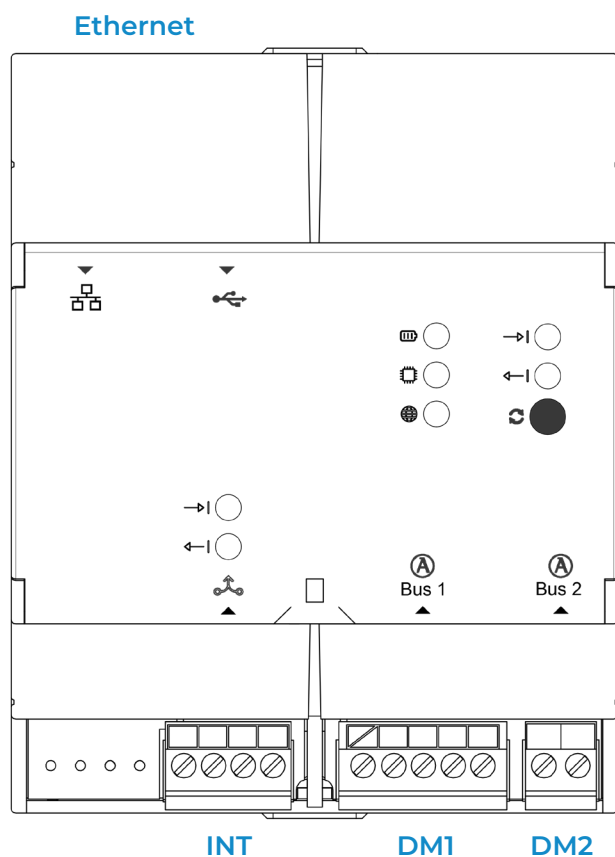
Model	
DM1-DM2	Connection Bus
INT	RS-485 Port
Ethernet	Ethernet input
🔄	Detect System (short press)
🔄	Reset (press and hold)

Model				
🔋	Power	Fixed	Red	
🖳	Microswitch performance	Blinking	Green	
🌐	Connected to the Internet	Blinking	Green	
Ⓐ DM1 DM2	→▌ Data reception	Blinking	Green	
	◀▌ Data transmission	Blinking	Red	
⚛ INT	→▌ Data reception	Blinking	Green	
	◀▌ Data transmission	Blinking	Red	