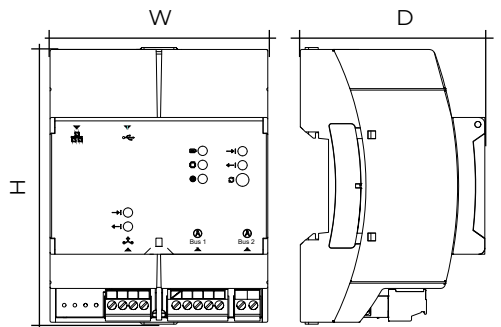


Project name:	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

DZK-BACNET-HUB5 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-HUB5
Description	DZK HUB/BACnet Interface
Type of power supply	VDC
Vmax	12 V supplied from Main Control Board
I_{max}	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 (71.6x89.7x60.7 mm)



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

(* **Note:** Airzone Cloud control and BACnet integration can work simultaneously.

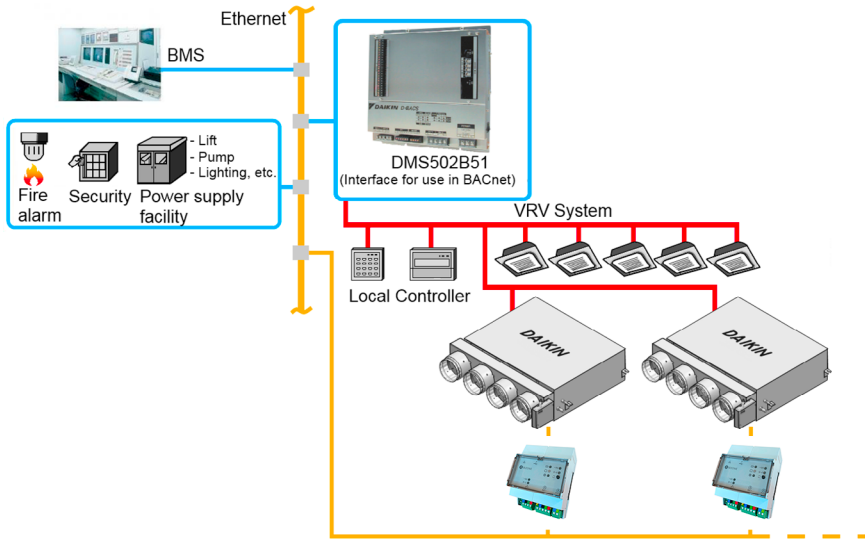
Project name:	
Location:	Approval:
Engineer:	Date:
Submitted to:	Construction:
Submitted by:	Unit #:
Reference:	Drawing #:

OPTIONAL ACCESSORIES

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

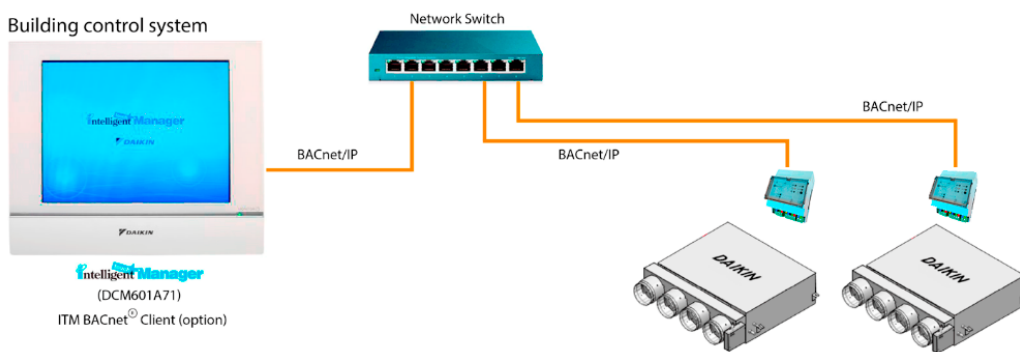
INTEGRATION LAYOUT METHOD 1

Using DMS502B71



INTEGRATION LAYOUT METHOD 2

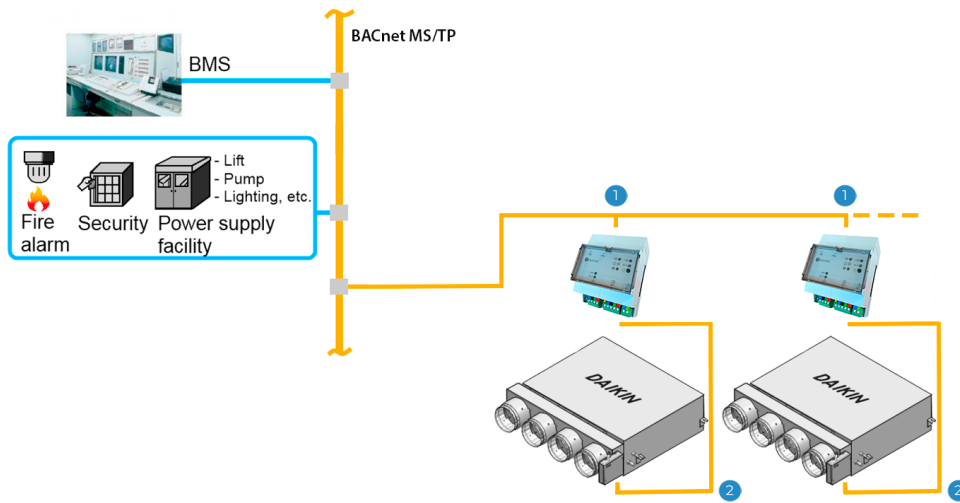
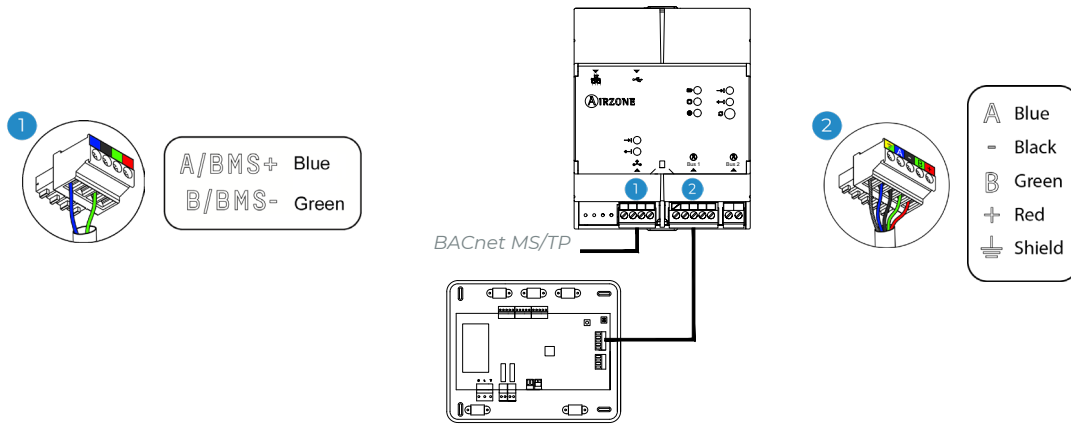
Using DCM601A71+DCM009A51



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

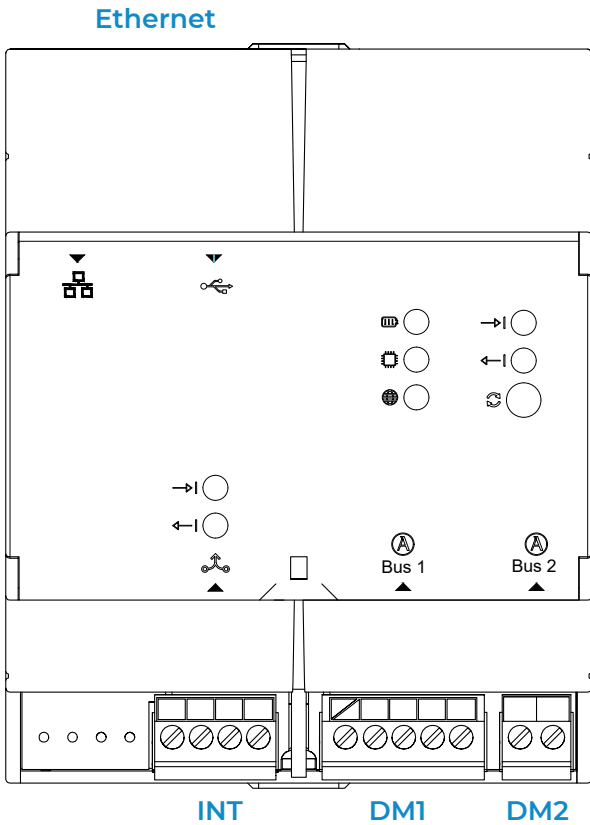
INTEGRATION LAYOUT METHOD 3

Using BACnet MS/TP



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

DEVICE ELEMENTS AND LED COMMUNICATION



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
		Data reception	Blinking	Green
		Data transmission	Blinking	Red
		Data reception	Blinking	Green
		Data transmission	Blinking	Red