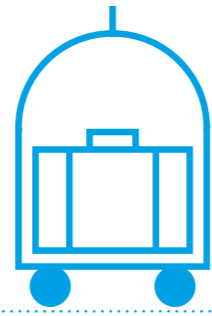


Case study: a typical hotel,  
with Daikin's unique control  
and portfolio solution



Intelligent Touch Manager mini BMS in combination  
with Daikin's energy efficient product portfolio.

- Control all HVAC-R equipment from one central location, plug & play
- Smart energy management
- Interlock with other third party equipment such as alarms, key card, ...



**KITCHEN**

- Monitor refrigeration equipment operation
- Interlock with fire alarm to perform emergency stop ventilation

**BANQUET HALL**

- Set schedules for air handling unit fresh air and chiller operation
- Free cooling when outdoor temperature is lower than indoors

**RECEPTION**

- Integration into BMS
- Smart energy management tools

**ROOMS**

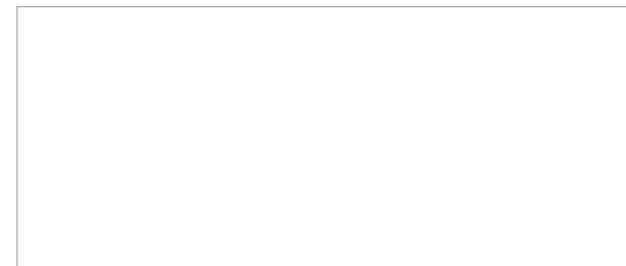
- Easy, individual control for each guest within set limits
- Connection to keycard and window switch to save energy

**LOBBY**

- Interlock between underfloor heating and air conditioning to avoid simultaneous operation
- Control fresh air comfort via CO<sub>2</sub> sensor



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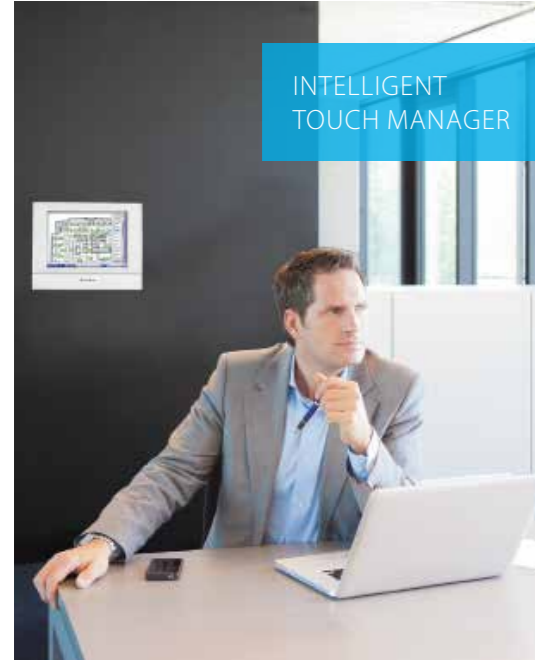
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Product Portfolio  
**Controls**

## Why choose Daikin control systems?

For commercial and industrial applications. From individual control to complete BMS packages and interfaces for integration into third-party systems, Daikin offers it all.



## From individual control to Daikin mini BMS systems

Type	Product description	Product name	Packshot	Application / Product portfolio			
				Residential	Light commercial	Medium commercial	Large commercial / industrial
Management Control	<b>Intelligent Manager</b> mini BMS for full integration across Daikin's portfolio and third party equipment	DCM601A51				•	•
	Chiller serial sequencing panel	EKD5SP-S				•	•
	<b>Intelligent Controller</b> Touch screen for detailed and easy monitoring of VRV systems	DCS601CS1			•		
Centralised control	<b>DS-net</b> for basic control of Sky Air and VRV	DTA113B51			•		
	Schedule timer enabling 64 groups of indoor units to be programmed	DST301B51			•		
	Unified ON/OFF control providing simultaneous and individual control of 16 groups of indoor units	DCS301B51			•		
	Centralised remote control providing individual control of 64 groups (zones) of indoor units	DCS302CS1			•		
	Chiller digital sequencing panel	EKDDSP			•	•	•
	Group controller for Siesta Sky Air	R04084124324			•		
	Daikin Online Controller: always in control, no matter where you are	BRP069A41 /42		•	•		
	Simplified remote control for hotel applications Optional adapter for key card and window contact	BRC2E52/BRC3E52/ BRP7A51			•	•	
Individual control	User friendly wired remote control	BRC1E52A/B / BRC1D52			•	•	
	Siesta Sky Air wired remote control	ARCWB			•		
	Daikin Altherma low temperature wired remote control	EKRUCBL1-7		•			
	Infrared remote control	ARC / BRC4 / BRC7		•	•	•	
	Air Conditioning Network Service System to monitor your air conditioning and guarantee the highest efficiency	ACNSS			•	•	•
Service	Daikin Altherma & VRV configurator for simplified commissioning	EKPCCAB3*			•	•	•

## Integration into 3rd party systems

Type	Product description	Product name	Packshot	Application / Product portfolio			
				Residential	Light commercial	Medium commercial	Large commercial / industrial
Interface <b>BACnet</b>	BACnet Interface: integrated control system for connection between VRV, applied systems, AHU and BMS systems - for VRV	DM5502A51				•	•
	BACnet Interface for Chillers and AHU	EKMBACIP / EKMBACMSTP				•	•
Interface <b>LonWorks</b>	LonWorks Interface for VRV	DM5504B51				•	•
	LonWorks Interface for Refrigeration	EKLONPG				•	•
	LonWorks Interface for Chillers and AHU	EKMLON				•	•
	DIII-net MODBUS interface for integrated control of the connection between Sky Air, VRV and BMS system	EKMBOXA				•	•
Interfaces for connection to third party Building Management Systems	Modbus interface for monitoring and control of Chillers and AHU	EKCM200J				•	•
	Optional PCB for Modbus connection	EKFCMBCB7				•	•
	Modbus interface for monitoring and control of Refrigeration	BRR9A1V1			•	•	•
	Modbus Interface for monitoring and control of residential indoor units	RTD-RA		•			
	Modbus Interface for monitoring and control of Sky Air, VRV, VAM/VKM	RTD-NET			•		
	Modbus interface with advanced integration of Sky Air, VRV, VAM/VKM including duty and standby for server rooms	RTD-10			•		
	Retail controller with monitoring and control of Sky Air, VRV, VAM/VKM and air curtains including integration of CO <sub>2</sub> sensor for fresh air volume control	RTD-20			•		
	Modbus Interface for monitoring and control of Sky Air, VRV, VAM/VKM including intelligent hotel room control	RTD-HO				•	
	Modbus Interface for monitoring and control of Daikin Altherma Flex Type, VRV, HT hydrobox and small inverter chillers	RTD-W		•	•	•	
	Modbus Interface for monitoring and control of Daikin Altherma Low Temperature including voltage and resistance control	RTD-LT /CA		•			
KNX Interface	Connect residential indoor units to KNX interface for Home Automation system	KLIC-DD		•			
	Connect Sky Air and VRV indoor units to KNX interface for BMS integration	KLIC-DI			•		
http interface	http interface for Sky Air and VRV	DCS007A51			•		