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**Indoor Unit**

Single indoor unit has following point list.

Instance Number	Object	Object Type	Object Name	Unit		Status value				
				Inactive	Active					
				Text-1	Text-2	Text-3	Text-4	Text-5		
1	Indoor Temperature	AI	AC_RoomTemp_xx_xxxxxx	°C						
2	Set temperature	AV	AC_Temp_Set_xx_xxxxxx	°C						
3	Setting lower temperature limit	AV	AC_Cool_LimitTemp_xx_xxxxxx	°C						
4	Setting upper temperature limit	AV	AC_Heat_LimitTemp_xx_xxxxxx	°C						
5	The power value of an indoor unit after the basic date	AI	AC_Baseline_kWh_xx_xxxxxx	kWh						
6	The number of hours usage of an indoor unit after the basic date	AI	AC_Baseline_Minute_xx_xxxxxx	Minute						
7	Power value within period	AI	AC_Period_kWh_xx_xxxxxx	kWh						
8	The number of hours usage of an indoor unit within period	AI	AC_Period_Minute_xx_xxxxxx	Minute						
9	Power On/Off	BV	AC_Power_xx_xxxxxx	Off	On					
10	Applying lower temperature limit setting	BV	AC_Cool_Limit_set_xx_xxxxxx	False	True					
11	Applying upper temperature limit setting	BV	AC_Heat_Limit_set_xx_xxxxxx	False	True					
12	Filter sign status	BI	AC_FilterSign_xx_xxxxxx	False	True					
13	Filter sign reset	BO	AC_FilterSign_Reset_xx_xxxxxx	False	True					
14	Operation mode status	MV	AC_Operation_Mode_xx_xxxxxx	Auto	Cool	Heat	Fan	Dry		
15	Fan speed status	MV	AC_FanSpeed_xx_xxxxxx	Auto	Low	Mid	High			
16	Air flow direction status	MV	AC_FanFlow_xx_xxxxxx	None	Vertical	Horizon	All			
17	Operation mode limit status	MV	AC_Mode_Limit_xx_xxxxxx	No Limit	Cool Only	Heat Only				
18	Remote controller limit status	MV	AC_Remocon_Limit_xx_xxxxxx	Enable RC	Disable RC	Conditional RC				
19	Integrated error code of both indoor unit and outdoor unit	AI	AC_Error_Code_xx_xxxxxx	Refer to list of error code						
* 20	SPI setting	BV	AC_SPI_xx_xxxxxx	False	True					
* 21	HumanSensor setting	BV	AC_MDS_xx_xxxxxx	False	True					
22	AC Indoor Notify	NC	AC_Notify_xx_xxxxxx	When the error occurred, send event to list of destination in the recipient_list. (Max : 8)						

☒ Temperature setting range can be different depending on the model and the common range is as follows:

Auto: 18°C–30°C

Cool: 18°C–30°C

Heat: 16°C–30°C

Fan: Temperature cannot be adjusted

Dry: 18°C–30°C

\* Optional.

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**AHU Kit**

Single AHU unit has following point list.

Instance Number	Object	Object Type	Object Name	Unit					Status value												
				Inactive		Active															
				Text-1	Text-2	Text-3	Text-4	Text-5	Text-6	Text-7	Text-8	Text-9	Text-10								
1	Indoor Temperature	AI	AHU_RoomTemp_xx_xxxxxx	°C																	
2	Set temperature	AV	AHU_Temp_Set_xx_xxxxxx	°C																	
3	Setting lower temperature limit	AV	AHU_Cool_LimitTemp_xx_xxxxxx	°C																	
4	Setting upper temperature limit	AV	AHU_Heat_LimitTemp_xx_xxxxxx	°C																	
5	The power value of an indoor unit after the basic date	AI	AHU_Baseline_kWh_xx_xxxxxx	kWh																	
6	The number of hours usage of an indoor unit after the basic date	AI	AHU_Baseline_Minute_xx_xxxxxx	Minute																	
7	Power value within period	AI	AHU_Period_kWh_xx_xxxxxx	kWh																	
8	The number of hours usage of an indoor unit within period	AI	AHU_Period_Minute_xx_xxxxxx	Minute																	
9	Power On/Off	BV	AHU_Power_xx_xxxxxx	Off	On																
10	Applying lower temperature limit setting	BV	AHU_Cool_Limit_set_xx_xxxxxx	False	True																
11	Applying upper temperature limit setting	BV	AHU_Heat_Limit_set_xx_xxxxxx	False	True																
12	Filter sign status	BI	AHU_FilterSign_xx_xxxxxx	False	True																
13	Filter sign reset	BO	AHU_FilterSign_Reset_xx_xxxxxx	False	True																
14	Operation mode status	MV	AHU_Operation_Mode_xx_xxxxxx	Auto	Cool	Heat	Fan	Dry													
15	Operation mode limit status	MV	AHU_Mode_Limit_xx_xxxxxx	No Limit	Cool Only	Heat Only															
16	Remote controller limit status	MV	AHU_Remocon_Limit_xx_xxxxxx	Enable RC	Disable RC	Conditional RC															
17	Integrated error code of both indoor unit and outdoor unit	AI	AHU_Error_Code_xx_xxxxxx	Refer to list of error code																	
* 18	Discharge cooling set temperature	AV	AHU_DisCoolSetTemp_xx_xxxxxx	°C																	
* 19	Discharge heating set temperature	AV	AHU_DisHeatSetTemp_xx_xxxxxx	°C																	
* 20	Discharge current temperature	AI	AHU_Dis_CurrentTemp_xx_xxxxxx	°C																	
* 21	Humidification setting	BV	AHU_Humidification_xx_xxxxxx	Off	On																
* 22	Outdoor air intake setting	BV	AHU_OAIntake_xx_xxxxxx	Off	On																
* 23	Outdoor cooling setting	BV	AHU_OutdoorCool_xx_xxxxxx	Off	On																
* 24	Fan speed status	MV	AHU_FanSpeed_xx_xxxxxx	Low	Mid	High															
* 25	Set humidity status	MV	AHU_SetHumidity_xx_xxxxxx	Low	Mid	High															
* 26	Current humidity status	MI	AHU_CurrentHumidity_xx_xxxxxx	Low	Mid	High															
27	AHU Notify	NC	AHU_Notify_xx_xxxxxx	When the error occurred, send event to list of destination in the recipient_list. (Max : 8)																	

\* Optional.

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**ERV**

A single ERV unit has the following point list:

Instance Number	Object	Object Type	Object Name	Status value				
				Inactive	Active			
				Text-1	Text-2	Text-3	Text-4	Text-5
1	Power On/Off operation	BV	ERV_Power_xx_xxxxxx	Off	On			
2	Filter sign status	BI	ERV_FilterSign_xx_xxxxxx	False	True			
3	Filter sign reset	BO	ERV_FilterSign_Reset_xx_xxxxxx	False	True			
4	Operation mode status	MV	ERV_Operation_Mode_xx_xxxxxx	Auto	HeatEx	Bypass	Sleep	
5	Fan speed status	MV	ERV_FanSpeed_xx_xxxxxx	Low	High	Turbo		
6	Remote controller limit status	MV	ERV_Remocon_Limit_xx_xxxxxx	Enable RC	Disable RC	Conditional RC		
7	Integrated error code of ERV unit	AI	ERV_Error_Code_xx_xxxxxx	Refer to list of error code				
8	ERV Notify	NC	ERV_Notify_xx_xxxxxx	When the error occurred, send event to list of destination in the recipient_list. (Max : 8)				

**PIM**

A single PIM has the following point list:

Instance Number	Object	Object Type	Object Name	Status value
1	PIM error code	AI	SIM_Error_Code_xx_xx	Refer to list of error code
2	PIM Notify	NC	SIM_Notify_xx_xx	When the error occurred, send event to list of destination in the recipient_list. (Max : 8)

**Central On/Off Control**

A single Central On/Off Control has the following point list:

Instance Number	Object	Object Type	Object Name	Status value
1	Central On/Off Control error code	AI	Central_Error_Code_xx_xx	Refer to the list of the integrated error code
2	Central On/Off Control notify	NC	Central_Notify_xx_xx	When the error occurred, send event to list of destination in the recipient_list. (Max : 8)

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**Outdoor unit**

A single outdoor unit has following point list:

Instance Number	Object	Object Type	Object Name	Status value					
				Unit	Inactive	Active			
				Text-1	Text-2	Text-3	Text-4	Text-5	
1	Outside temperature	AI	ODU_Outside_Temp_xx_xxxx	°C					
* 2	Cool capacity compensation	AV	ODU_Cool_Compensation_xx_xxxx		0 : 5~7°C / 1 : 7~9°C / 2 : 9~11°C / 3 : 10~12°C / 4 : 11~13°C / 5 : 12~14°C / 6 : 13~15°C / 14 : Auto control (from ODU)				
* 3	Heat capacity compensation	AV	ODU_Heat_Compensation_xx_xxxx		0 : 25kg/cm <sup>2</sup> / 1 : 26kg/cm <sup>2</sup> / 2 : 27kg/cm <sup>2</sup> / 3 : 28kg/cm <sup>2</sup> / 4 : 29kg/cm <sup>2</sup> / 5 : 30kg/cm <sup>2</sup> / 6 : 31kg/cm <sup>2</sup> / 7 : 32kg/cm <sup>2</sup> / 8 : 33kg/cm <sup>2</sup> / 14 : Auto control (from ODU)				
4	Compressor status	BI	ODU_Comp_Status_xx_xxxx	False	True				
5	Outdoor unit error code	AI	Repeater_Error_Code_xx_xxxx	Refer to the list of the integrated error code					
6	Outdoor unit notify	NC	IM_Notify_xx_xxxx	When the error occurred, send event to list of destination in the recipient_list. (Max : 8)					

(\*) Mark is optionally supported.

**VRF System Controller+BACnet**

VRF System Controller+BACnet has following point list:

Instance Number	Object	Object Type	Object Name	Status Value
1	All device OFF	BO	ALL_OFF_xx	Inactive : All devices Off
2	VRF SC +BACnet status	AI	DMS2_Status_xx	0: Normal, 8: Emergency stop, 105 : Tracking in progress, 108 : Tracking failed 109 : VRF SC+BACnet↔BACnet Communication failed
3	BACnet error code	AI	BACnetApp_Error_Code_xx	BACnet error code
4	Gateway Notify	NC	GW_Notify_xx	When the error occurred, send event to list of destination in the recipient_list. (Max : 8)

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**DDC**

DDC has following point list.

Instance Number	Object	Object Type	Object Name	Unit		Status value		
				Inactive	Active	Text-3	Text-4	Text-5
				Text-1	Text-2			
1	Digital Input 1	BI	DI_01_xx_xx (BACnet Gateway Reserved)	Off	On			
2	Digital Input 2	BI	DI_02_xx_xx (BACnet Gateway Reserved)	Off	On			
3	Digital Input 3	BI	DI_03_xx_xx	Off	On			
4	Digital Input 4	BI	DI_04_xx_xx	Off	On			
5	Digital Input 5	BI	DI_05_xx_xx	Off	On			
6	Digital Input 6	BI	DI_06_xx_xx	Off	On			
7	Digital Input 7	BI	DI_07_xx_xx	Off	On			
8	Digital Input 8	BI	DI_08_xx_xx	Off	On			
9	Digital Input 9	BI	DI_09_xx_xx	Off	On			
10	Digital Input 10	BI	DI_10_xx_xx	Off	On			
11	Digital Output 1	BO	DO_01_xx_xx (BACnet Gateway Reserved)	Off	On			
12	Digital Output 2	BO	DO_02_xx_xx (BACnet Gateway Reserved)	Off	On			
13	Digital Output 3	BO	DO_03_xx_xx	Off	On			
14	Digital Output 4	BO	DO_04_xx_xx	Off	On			
15	Digital Output 5	BO	DO_05_xx_xx	Off	On			
16	Digital Output 6	BO	DO_06_xx_xx	Off	On			
17	Digital Output 7	BO	DO_07_xx_xx	Off	On			
18	Digital Output 8	BO	DO_08_xx_xx	Off	On			

***Note: If a communication error occurs on devices such as PIM/Central On/Off Control/Outdoor unit, other functions such as power distribution may also be examined for problems. The BAS must check the errors action must be taken immediately.***