

KANONBUS BACnet/IP Server Debug-Free Rule Comparison Table

No.	Description	Value	Supported Points: 4	BACnet		KANONBUS		Property Operation		
				BACnet type	BACnet Instance Address	DPT	Communication Group Address	Read	Write	COV
1	Binary Input	ON=1 OFF=0	1024	Binary Input (BI)	BI0~BI1023	EIS1/DPT1.*	1/0/0~1/0/255 1/1/0~1/1/255 1/2/0~1/2/255 1/3/0~1/3/255	√	×	√
2	Binary Output	ON=1 OFF=0	1023	Binary Output (BO)	BO1~BO1023	EIS1/DPT1.*	0/0/1~0/0/255 0/1/0~0/1/255 0/2/0~0/2/255 0/3/0~0/3/255	√	√	×
3	Multistate Input	0~255	512	Multistate-Input (MI)	MI0~MI255	EIS6/DPT5.*	3/0/0~3/0/255 3/1/0~3/1/255	√	×	√
4	Multistate Output	0~255	512	Multi-State Output (MO)	MO0~MO255	EIS6/DPT5.*	2/0/0~2/0/255 2/1/0~2/1/255	√	√	×
5	Analog Input	Float	512	Analog Input (AI)	AI0~AI511	EIS5/DPT9.*	5/0/0~5/0/255 5/1/0~5/1/255	√	×	√
6	Analog Output	Float	512	Analog Output (AO)	AO0~AO511	EIS5/DPT9.*	4/0/0~4/0/255 4/1/0~4/1/255	√	√	×
Total Supported Points			4095							

Note:

1、Firmware version 20240920 or above;

2、Default IP address: 192.168.1.232;

3、Default BACnet Device ID: 629, can be modified in ‘Basic Settings’ → ‘Network Settings’;;

4、Status acquisition uses Read Property or COV。

KANONBUS BACnet/IP Server Custom Rule Mapping Table

No.	Description	Value	Supported Points: 4	BACnet		KANONBUS		Property Operation		
				BACnet type	BACnet Instance Address	DPT ⁵	Communication Group Address 6	Read	Write	COV
1	Binary Input	ON=1 OFF=0	4096	Binary Input (BI)	Custom	Custom	Custom	√	×	√
2	Binary Output	ON=1 OFF=0		Binary Output (BO)				√	√	×
3	Binary Value	ON=1 OFF=0		Binary Value (BV)				√	√	×
4	Multistate Input	0~255		Multistate-Input (MI)				√	×	√
5	Multistate Output	0~255		Multi-State Output (MO)				√	√	×
6	Multistate Value	0~255		Multi-State Value (MV)				√	√	×
7	Analog Input	Float		Analog Input (AI)				√	×	√
8	Analog Output	Float		Analog Output (AO)				√	√	×
9	Analog Value	Float		Analog Value (AV)				√	√	×
Total Supported Points			4096							

KANONBUS BACnet/IP Server Custom Rule Mapping Table

Note:
1、Firmware version 20240920 or above;
2、Default IP address: 192.168.1.232
3、Default BACnet Device ID: 629, can be modified in "Basic Settings" → "Network Settings";
4、Supported points are dynamic, with a maximum of 4096;
5、Supported DPT types: EIS1 (DPT1.), EIS5 (DPT9.), EIS6 (DPT5.), EIS9 (DPT14.), EIS10 (DPT7.*);
6、Communication group address format supports both free format (integer form) and three-level format (main group / middle group / sub group);
7、Status acquisition uses Read Property or COV;
8、Custom rule file must start with "bacga" and be in CSV format, for example "bacga_sample.csv". After editing, upload via "Basic Settings" → "Upgrade Main Program". Restart the device for it to take effect. To restore the "debug-free rules", upload "bacga_debugfree.csv";
9、An example of custom rule file configuration is as follows:

BACnet type	BACnet instance	Kanonbus DPT	Kanonbus address	Name
BI	1	EIS1	1	Light1
BO	1	EIS1	2	Light2
BV	1	EIS1	3	Light3
AI	1	EIS5	20/1/4	Light4
AO	1	EIS5	20/1/5	Light5
AV	1	EIS5	20/1/6	Light6
MI	1	EIS6	20\1\7	Light7
MO	1	EIS6	20\1\8	Light8
MV	1	EIS6	20\1\9	Light9

Due to CSV file display issues, the three-level group address format is also compatible with the format shown above (for MI, MO, and MV):
main group \ middle group \ sub group. The three formats can be used in combination. The 'Name' field shown above only supports English comments.