

BACnet MSTP Gateways



FAQ for GW-2139M

1. How to manipulate GW-2139M via Modbus Poll tool?	1
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1. How to manipulate GW-2139M via Modbus Poll tool?(2021/11/08, Ives)

(1) Set your GW-2139M Configuration.(Example: MV38, MV39 and AV62 of MSTP station 0)

IP Address: 192.168.255.1 Start Stop Read Write

Network Settings

IP Address: 192.168.255.1
 Subnet Mask: 255.255.0.0
 Default Gateway: 192.168.0.1
 Port: 502
 Server ID: 1
 MSTP Station: 0 auto
 MSTP Baud: 9600

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Address	Device ID	Object Type	Object Instance	RW	Sampling(ms)
0	0	Multistate Value	38	R/W	1000
2	0	Multistate Value	39	R/W	1000
4	0	Analog Value	62	R/W	1000

(2) Read BACnet mstp object's present value via Modbus Poll(0x03).

Mbpoll1
Tx = 293: Err = 16: ID = 1: F = 03: SR = 1000ms

Address	Alias	Value	Label
0		0	
1		3	MV 38
2		0	
3		2	MV 39
4		19.8	
5		--	AV 62
6			
7			
8			

(3) Write BACnet mstp object's present value via Modbus Poll(0x10).

Mbpoll1
Tx = 755: Err = 16: ID = 1: F = 03: SR = 1000ms

16: Write Multiple Registers

Slave ID: 1 000 = 0
 Address: 0 001 = 3
 Quantity: 2
 Type: Unsigned

Buttons: Send, Cancel, Edit, Open, Save