

# BACnet MSTP Gateways



## *FAQ for GW-2139M*

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# 1. 如何透過 Modbus Poll 工具操作 GW-2139M?(2021/11/08, Ives)

(1) 設定 GW-2139M 組態.(範例: 操作 MSTP 站號 0 的 MV38, MV39, AV62)

The screenshot shows the Modbus Poll configuration interface. On the left, the 'Network Settings' section is filled with the following values: 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 (with an 'auto' checkbox), and MSTP Baud: 9600. On the right, there are 'Start', 'Stop', 'Read', and 'Write' buttons. Below these, a table of objects is displayed, highlighted with a red border. The table has columns for Address, Device ID, Object Type, Object Instance, RW, and Sampling(ms). The objects listed are:

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) 透過 Modbus Poll 工具(0x03), 讀取 BACnet mstp 物件當前值.

The screenshot shows the Modbus Poll application window titled 'Mbpoll1'. At the top, it displays 'Tx = 293: Err = 16: ID = 1: F = 03: SR = 1000ms'. Below this is a table with columns for 'Alias' and '00000'. The table contains the following data:

Alias	00000
0	0
1	3
2	0
3	2
4	19.8
5	--
6	
7	
8	

Red text labels are placed to the right of the table: 'MV 38' next to row 1, 'MV 39' next to row 3, and 'AV 62' next to row 4. Row 1 is highlighted in blue.

(3) 透過 Modbus Poll 工具(0x10), 寫入 BACnet mstp 物件當前值.

The screenshot shows the Modbus Poll application window with the '16: Write Multiple Registers' dialog box open. The dialog box has the following fields: Slave ID: 1, Address: 0, Quantity: 2, and Type: Unsigned. A list box on the right contains two entries: '000 = 0' and '001 = 3'. The dialog box also has buttons for 'Send', 'Cancel', 'Edit', 'Open', and 'Save'. The background window shows the same table as in the previous screenshot, with row 1 highlighted in blue.