

BACnet/IP Server

Supported series: BACnet/IP protocol devices

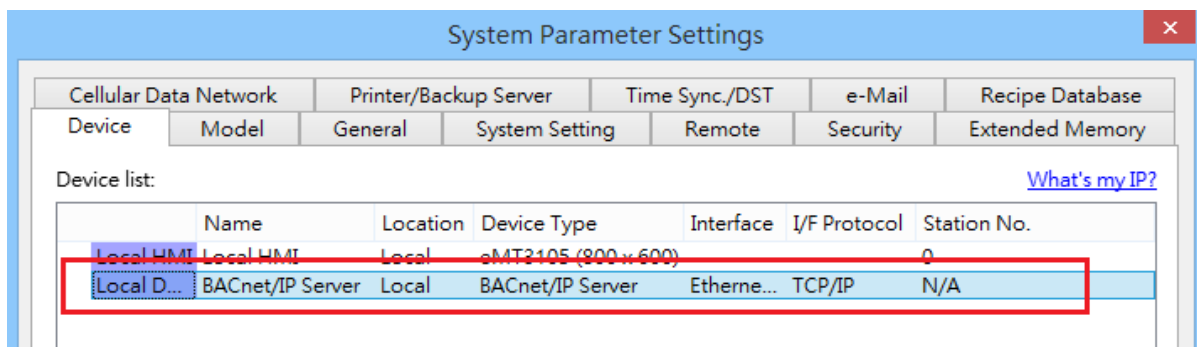
HMI Setting:

| Parameters | Recommended | Options | Notes |
|----------------------|------------------|-------------|--|
| PLC type | BACnet/IP Server | | |
| PLC I/F | Ethernet | | |
| Port no. | 47808 | | 47808 is the standard communication port of BACnet protocol. |
| HMI Device ID | 4194302 | 0 ~ 4194302 | *Note |

*Note: LW-12245 BACnet server id (Support online changes)

The following steps explain how to build the tag list.

1. In [System Parameter Settings] add [BACnet/IP Server] driver.



2. Click [Tag Manager].



3. Configure tag information as shown below.

3.1 HMI Device ID: Set the range to 0 ~ 4194302.

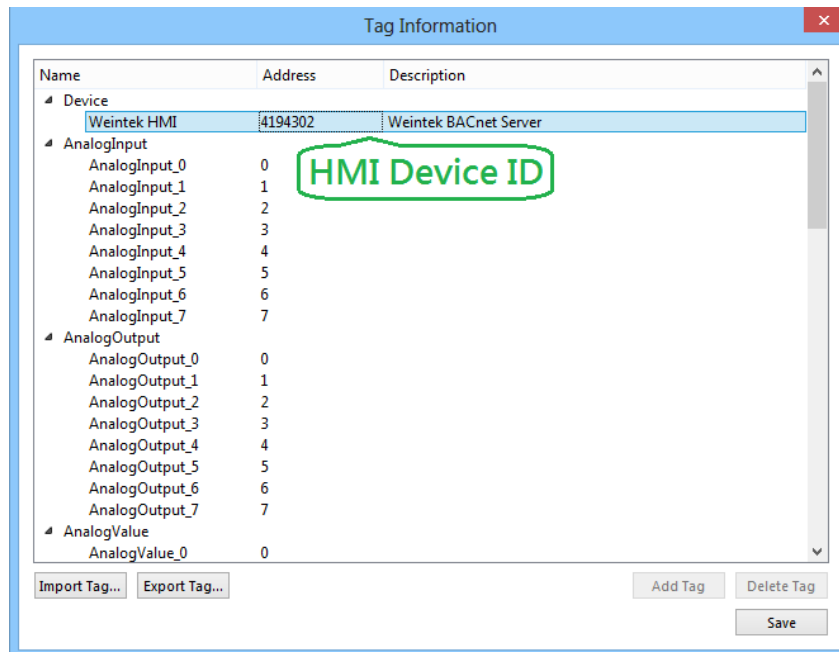
3.2 Tag Name: Add these tags: Analog Input, Analog Output, Analog Value, Binary Input, Binary Output, Binary Value...

3.3 Specify the quantity of the selected tag, the allowable range: 1 ~ 100

3.4 [Add Tag]: According to the selected tag and the specified quantity, the added tags will be shown in the list.

3.5 [Delete Tag]: Delete a single tag or multiple tags.

3.6 [Import Tag] [Export Tag]: Import an existing CSV file or export current data as a CSV file. Please note that current data will be removed after importing a CSV file.



Object:

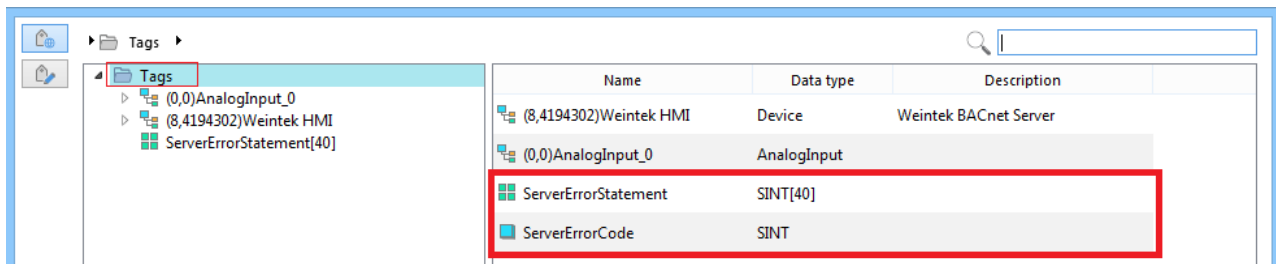
| Object ID | Object Name | Object Structure |
|-----------|---------------|---|
| 0 | Analog Input | Description Object Identifier Object Name Object Type Present Value Units Event State CovIncrement StateFlags OutOfService |
| 1 | Analog Output | Description Object Identifier Object Name Object Type Present Value Priority Priority Array Priority Reset Units Event State StateFlags OutOfService |

| Object ID | Object Name | Object Structure |
|-----------|---------------|--|
| | | RelinquishDefault |
| 2 | Analog Value | Description Object Identifier Object Name Object Type Present Value Priority Priority Array Priority Reset Units Event State StateFlags OutOfService RelinquishDefault |
| 3 | Binary Input | Description Object Identifier Object Name Object Type Units Present Value Event State StateFlags OutOfService |
| 4 | Binary Output | Description Object Identifier Object Name Object Type Units Priority Priority Array Priority Reset Present Value Event State StateFlags OutOfService RelinquishDefault |
| 5 | Binary Value | Description Object Identifier |

| Object ID | Object Name | Object Structure |
|-----------|------------------|--|
| | | Object Name Object Type Units Priority Priority Array Priority Reset Present Value Event State StateFlags OutOfService RelinquishDefault |
| 13 | MultistateInput | Description Object Identifier Object Name Object Type Present Value Event State Number Of State StateFlags OutOfService |
| 14 | MultistateOutput | Description Object Identifier Object Name Object Type Present Value Event State Number Of State Priority Priority Array Priority Reset StateFlags OutOfService RelinquishDefault |
| 19 | MultistateValue | Description Object Identifier Object Name Object Type Present Value |

| Object ID | Object Name | Object Structure |
|-----------|-----------------|--|
| | | Event State Number Of State Priority Priority Array Priority Reset StateFlags OutOfService RelinquishDefault |
| 21 | LifeSafetyPoint | Description Object Identifier Object Name Object Type Present Value Event State Mode Silenced StateFlags OutOfService |
| 22 | LifeSafetyZone | Description Object Identifier Object Name Object Type Present Value Event State Mode Silenced StateFlags OutOfService |

Error Code:



| Name | Data type | Description |
|------------------------|-------------|-----------------------|
| (8,4194302)Weintek HMI | Device | Weintek BACnet Server |
| (0,0)AnalogInput_0 | AnalogInput | |
| ServerErrorStatement | SINT[40] | |
| ServerErrorCode | SINT | |

| Object Name | Value / String | Object Structure |
|---------------------|------------------------|------------------------|
| ServerErrorCode | 0 | Default |
| | 1 | Error occurred |
| ServerErrorStatment | No error | Default |
| | Invalid data type | Invalid data type |
| | Write access denied | Write access denied |
| | Unknown property | Unknown property |
| | Service request denied | Service request denied |
| | Unknown object | Unknown object |
| | Value out of range | Value out of range |

Diagram

Ethernet cable:

