

## Panasonic Eco-Power Meters

Supported Series: KW1M , KW1M-A , KW9M , KW9M-A

Website: <https://www.panasonic-electric-works.com/eu/>

### HMI Setting:

Parameters	Recommended	Options	Notes
<b>PLC type</b>	Panasonic Eco-Power Meters		
<b>PLC I/F</b>	RS485 2W		
<b>Baud rate</b>	9600	9600 ~ 115200	
<b>Data bits</b>	8		
<b>Parity</b>	Odd		
<b>Stop bits</b>	1		
<b>PLC sta. no.</b>	1		

### Support Device Type:

Data type	EasyBuilder data format	Memo
Bool	bit	
Byte	16-bit BCD, Hex, Binary, Unsigned	8-bit
SInt	16-bit BCD, Hex, Binary, Signed	8-bit
USInt	16-bit BCD, Hex, Binary, Unsigned	8-bit
Word	16-bit BCD, Hex, Binary, Unsigned	16-bit
Int	16-bit BCD, Hex, Binary, Signed	16-bit
UInt	16-bit BCD, Hex, Binary, Unsigned	16-bit
DWord	32-bit BCD, Hex, Binary, Unsigned	32-bit
DInt	32-bit BCD, Hex, Binary, Signed	32-bit
Real	32-bit Float	32-bit
UDInt	32-bit BCD, Hex, Binary, Unsigned	32-bit

## Import Tags:

- The file for import must be built in **Easy Build Pro\Data Type\PanasonicPowerMeter** folder. The user can build the file according to the device types in advance, as shown below.

★ **Name** : User-defined tag name.

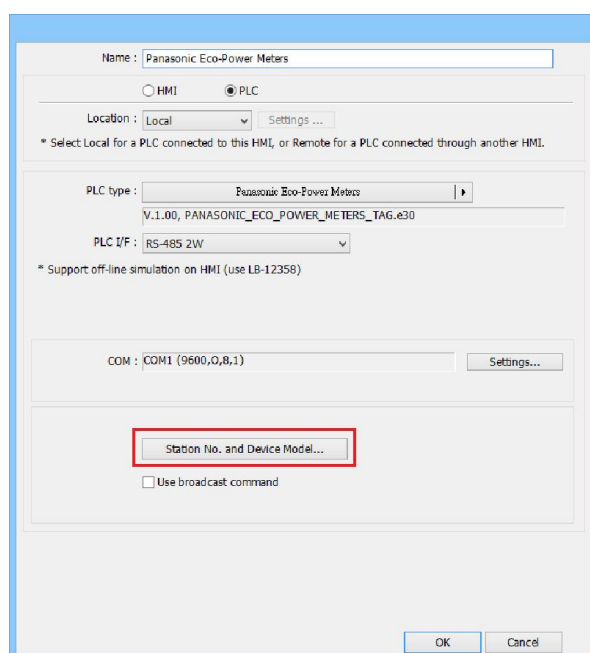
★ **Data** :Type: Define according to the data length and range.

★ **Address** : The address of the device.

★ **Description** : The description about the address.

Data type	Data length and range
BOOL	Bit
BYTE	8-bits Unsigned
WORD	16-bits Unsigned
DWORD	32-bits Unsigned
UDINT	32-bits Unsigned
UINT	16-bits Unsigned
USINT	8-bits Unsigned
SINT	8-bits Signed
INT	16-bits Signed
DINT	32-bits Signed
REAL	32-bits Float

- In EasyBuilder select **[Panasonic Eco-Power Meters]** driver, and then click **[Station No. and Device Model]**.



- [Station no.]**: Set the station number according to the device, the range is 1~99.

**[Name]**: The name of the device.

**[Model]**: The models with their address tag files saved in **Easy Build Pro\Data Type\PanasonicPowerMeter** can be found in the drop down list.

**[Add]**: Add a new model.

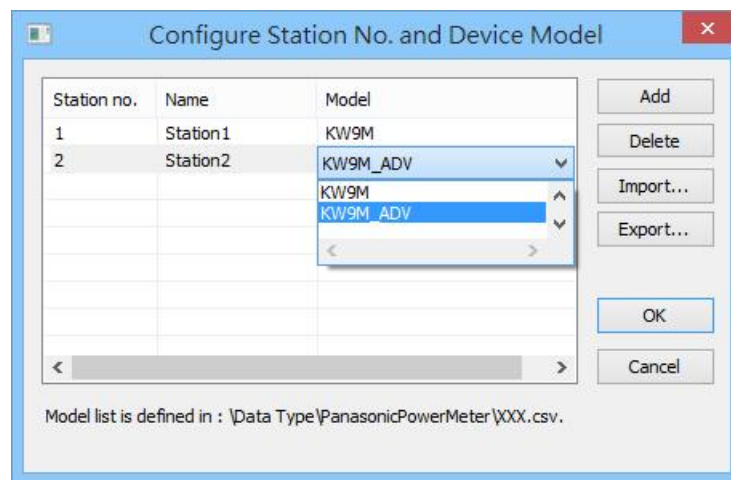
**[Delete]**: Delete a model. (At least one model should exist in the list.)

**[Import]**: Import the .dat file of the model.

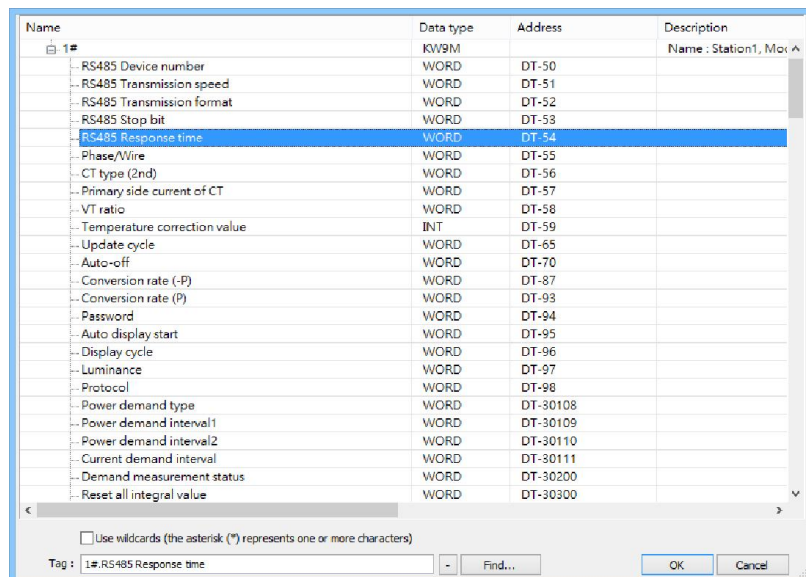
**[Export]**: Export the .dat file of the model.

**[OK]**: Save and leave.

**[Cancel]**: Don't save and leave.

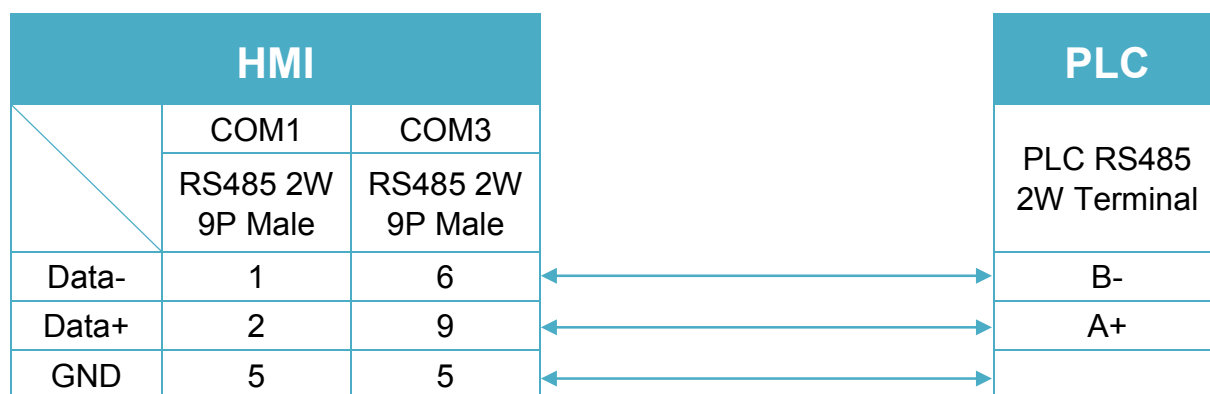


- The imported address tags can be selected in object settings window.

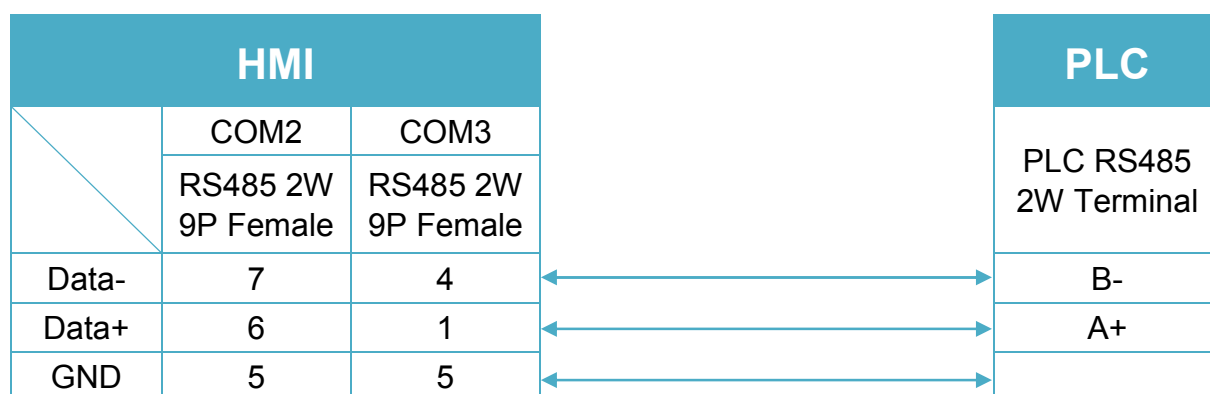


## Wiring Diagram:

### Diagram 1

**cMT Series**
*cMT3151*
**eMT Series**
*eMT3070 / eMT3105 / eMT3120 / eMT3150*


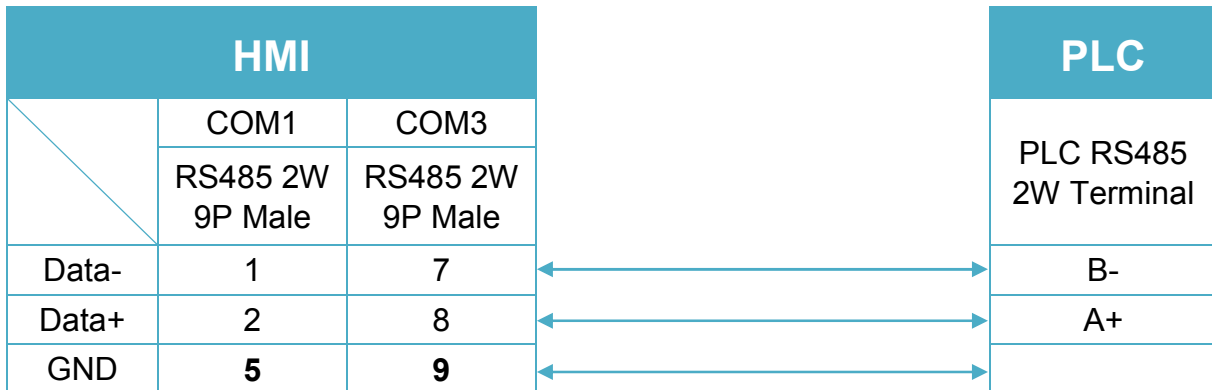
### Diagram 2

**cMT Series**
*cMT-SVR / cMT-G01 / cMT-G02 / cMT-HDM / cMT-FHD*
**mTV**
*mTV*


### Diagram 3

**MT-iE** *MT8070iE / MT6070iE / MT8100iE / MT8121iE / MT8150iE*

**MT-XE** *MT8121XE / MT8150XE*



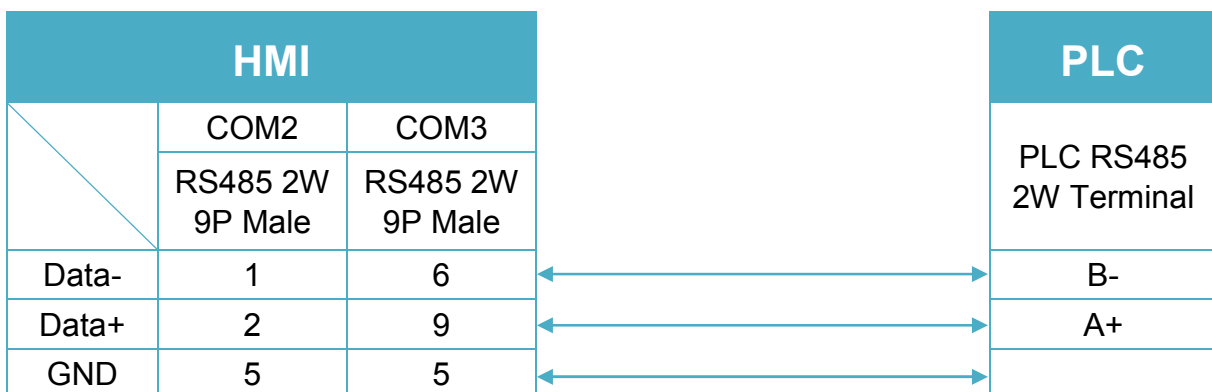
### Diagram 4

**cMT Series** *cMT3071 / cMT3072 / cMT3090 / cMT3103*

**MT-iE** *MT8071iE / MT6071iE / MT8072iE / MT6072iE / MT8073iE / MT8101iE / MT8102iE / MT8103iE*

**MT-XE** *MT8090XE / MT8092XE*

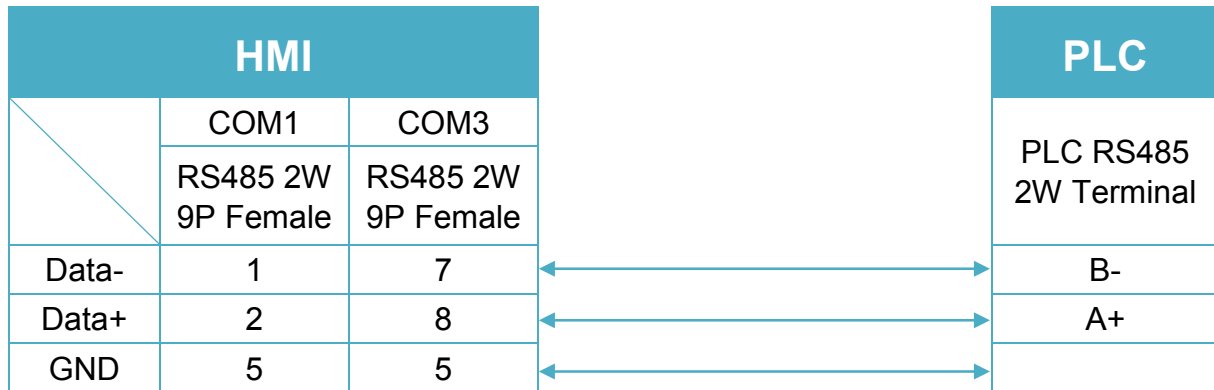
**MT-iP** *MT6103iP / MT8102iP*



## Diagram 5

**MT-iE** *MT8050iE/ MT8053iE*

**MT-iP** *MT6051iP/ MT8051iP*



## Diagram 6

**MT-iP** *MT6071iP / MT8071iP*

