

PLC Connection Guide

TN562D-E

Communication settings between
ADAM-6000(ModBus) Ethernet module



Designed to be Outstanding

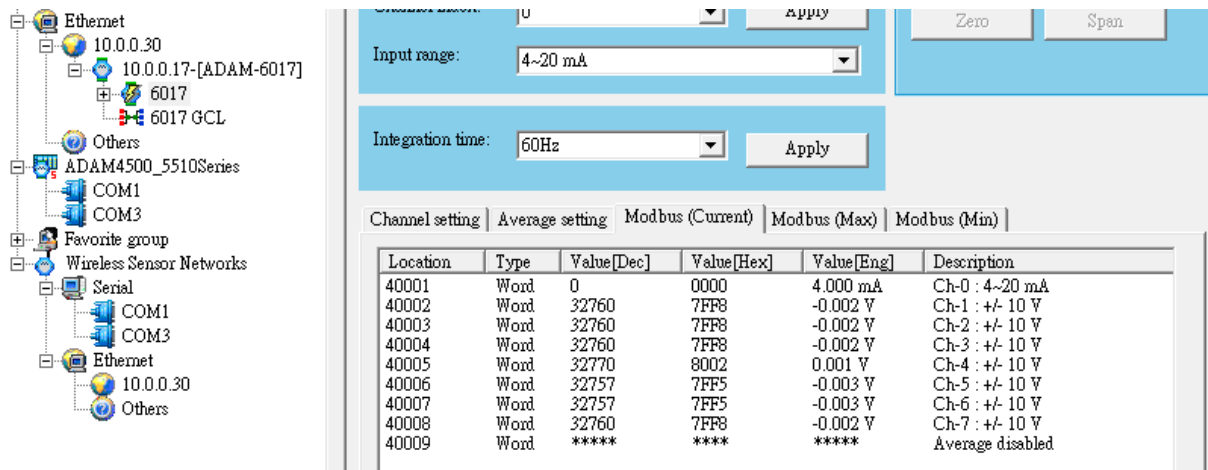
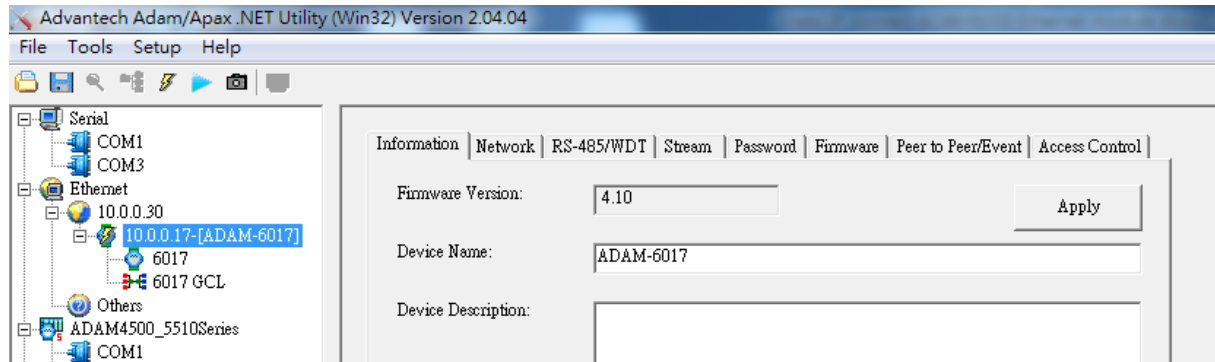
ADAM-6000(ModBus) Ethernet module

This Tech Note is the instruction about how to connect with Adam-6000 (Modbus) and the setting notes while using the touch panel.

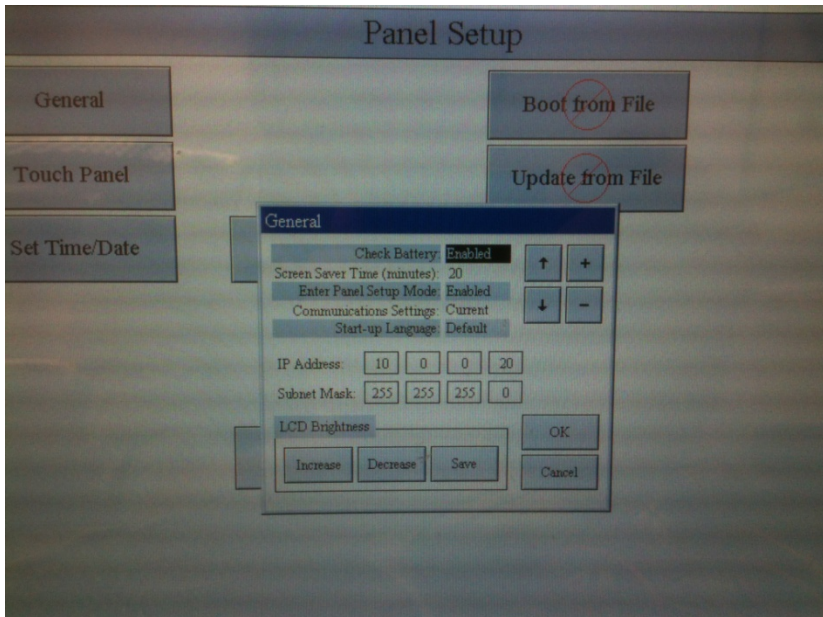


PLC setting

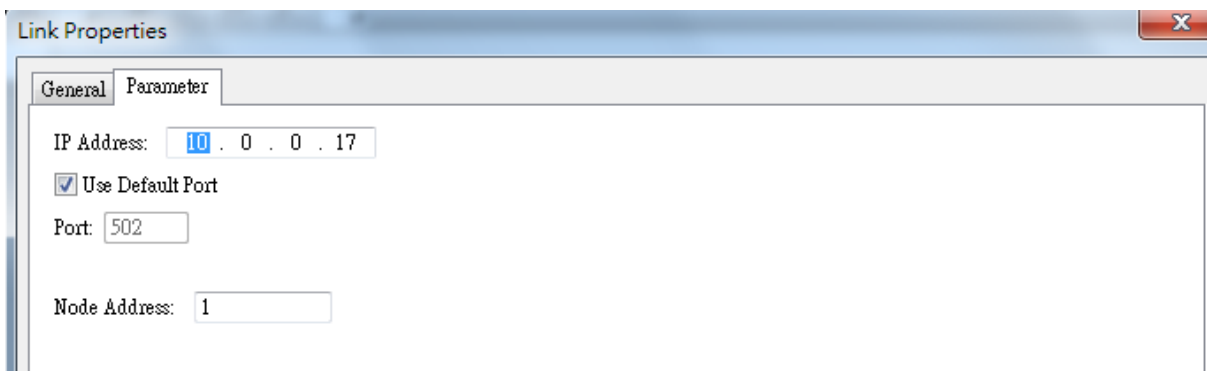
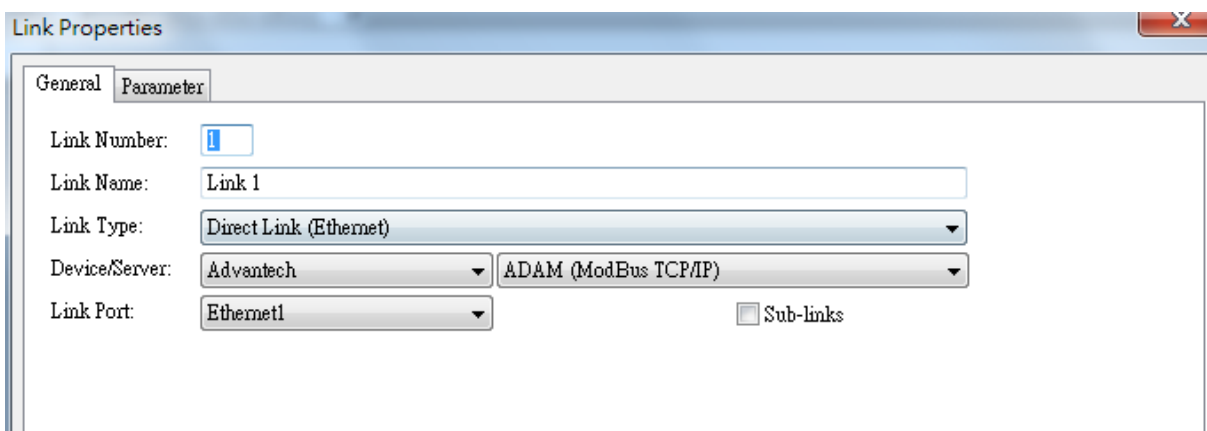
1. Use AdamApax .NET Utility to get the IP Address of PLC.



- For WebOP setting, remember to set WebOP IP to be the same internet domain of ADAM module.



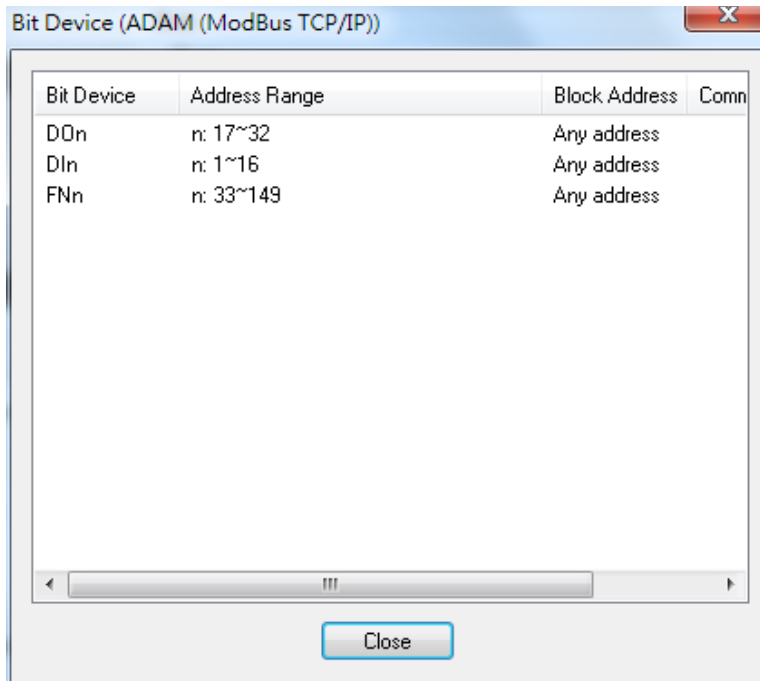
- Create a link by the following setting, and set IP Address to be in the same domain with ADAM module.



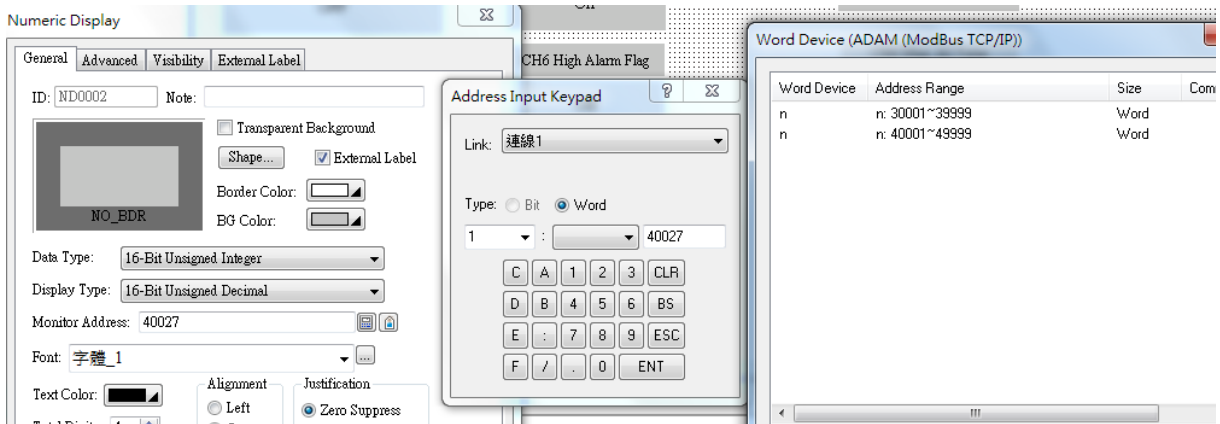
4. Example for ModBus IO Address Mapping:

Taking ADAM-6050 as an example, the Modbus Address of Digital Input is from 00001 to 00012 and each of those are corresponding to the DIIn(DI1~12) . In the same way, the Modbus

Address of Digital Output is from 00017 to 00022 and each of those are corresponding to DOn (DO17 to DO22). Digital IO Functions are from 00033 to 00052 and each of those are corresponding to FNn (FN33 to FN52).



For the Analog In/Out, user just specifies the ModBus Address directly.



Address 0X	Ch	Description	Attribute	Address 4X	Ch	Description	Attribute
00053	5	Counter Start(1)/ Stop(0)	R/W				
00054		Clear Counter(1)	Write	40301	All	DI Value	Read
00055		Clear Overflow ³	R/W	40303	All	DO Value	R/W
00056		DI Latch Status ⁴	R/W	40305	0~15	GCL Internal Flag Value ⁷	R/W
00057	6	Counter Start(1)/ Stop(0)	R/W				
00058		Clear Counter(1)	Write				
00059		Clear Overflow ³	R/W				
00060		DI Latch Status ⁴	R/W				
00061	7	Counter Start(1)/ Stop(0)	R/W				
00062		Clear Counter(1)	Write				
00063		Clear Overflow ³	R/W				
00064		DI Latch Status ⁴	R/W				
00065	8	Counter Start(1)/ Stop(0)	R/W				
00066		Clear Counter(1)	Write				
00067		Clear Overflow ³	R/W				
00068		DI Latch Status ⁴	R/W				
00069	9	Counter Start(1)/ Stop(0)	R/W				
00070		Clear Counter(1)	Write				
00071		Clear Overflow ³	R/W				
00072		DI Latch Status ⁴	R/W				
00073	10	Counter Start(1)/ Stop(0)	R/W				
00074		Clear Counter(1)	Write				
00075		Clear Overflow ³	R/W				
00076		DI Latch Status ⁴	R/W				
00077	11	Counter Start(1)/ Stop(0)	R/W				
00078		Clear Counter(1)	Write				
00079		Clear Overflow ³	R/W				
00080		DI Latch Status ⁴	R/W				