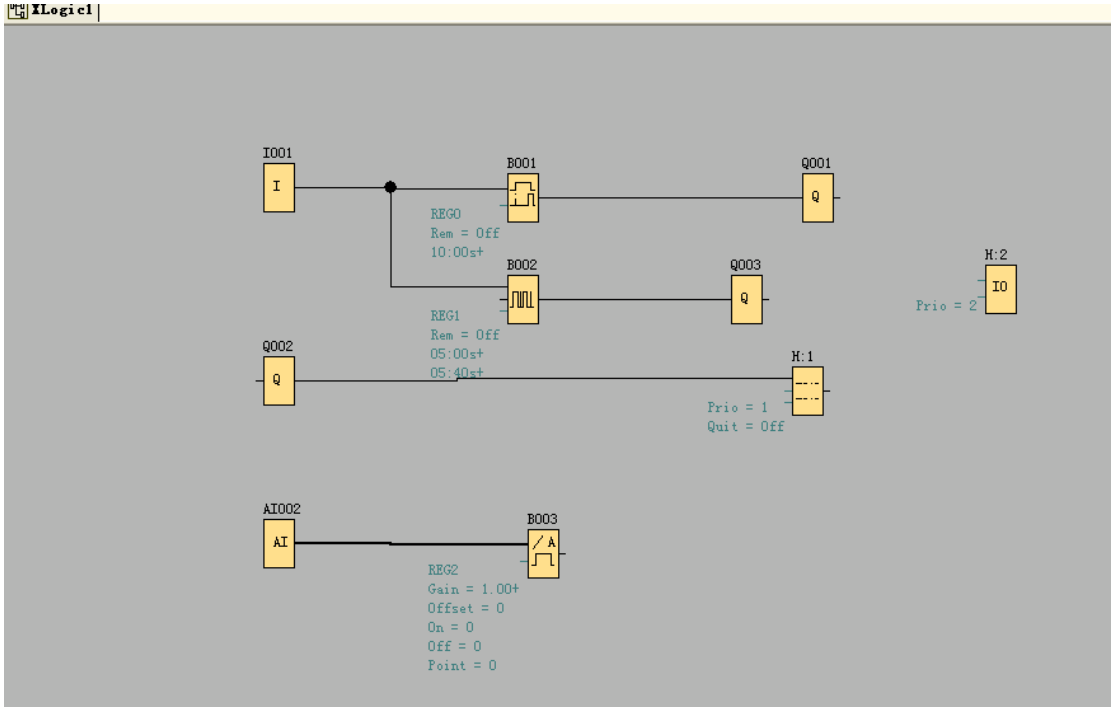
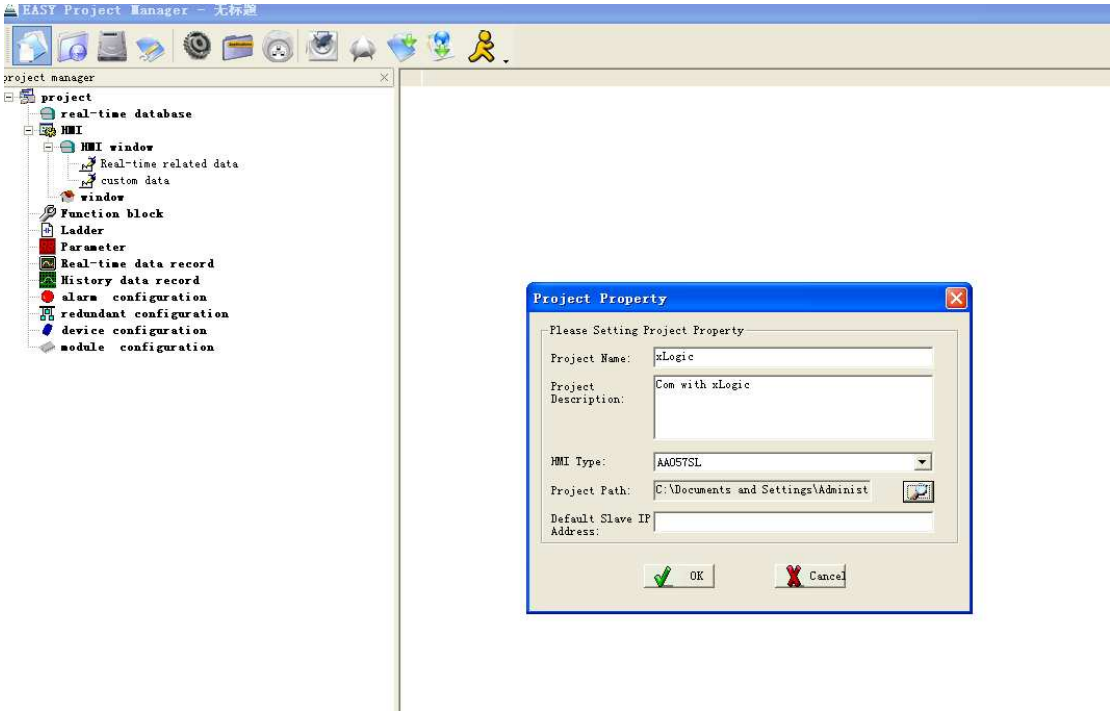
Program of xLogic SuperRelay.

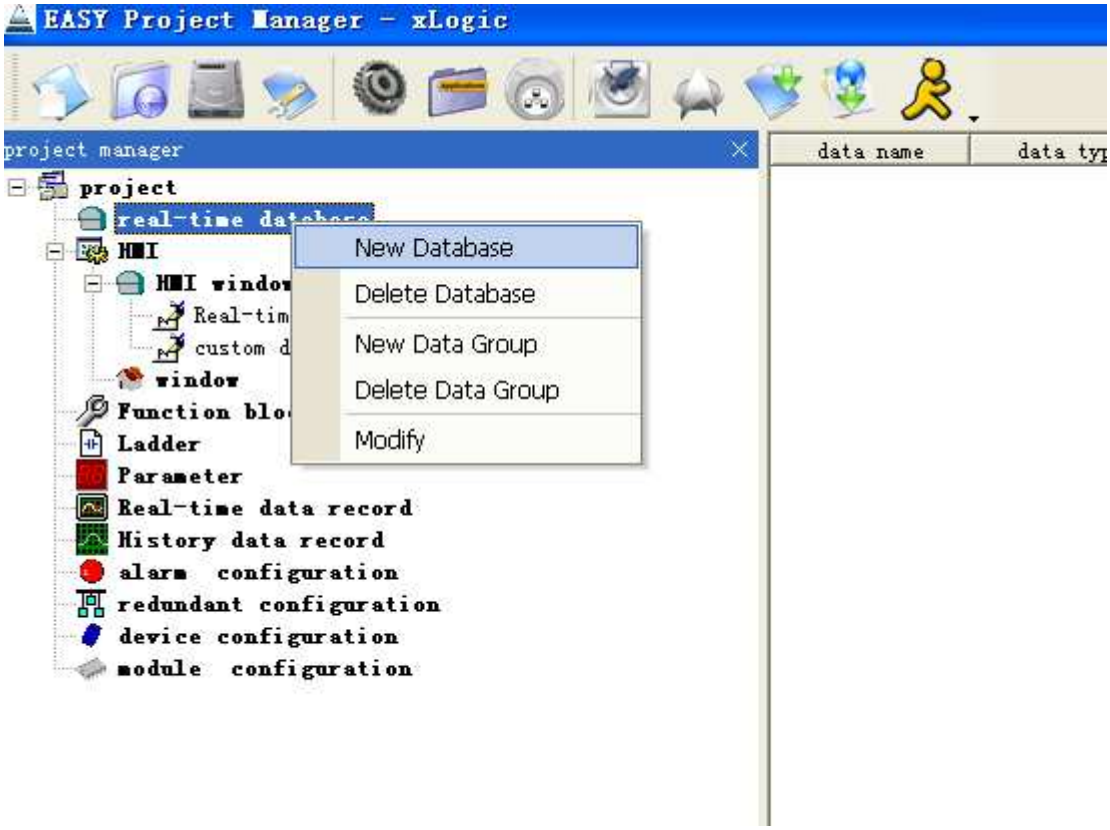


How to get status of IO, AI and values of registers via UT-AA57

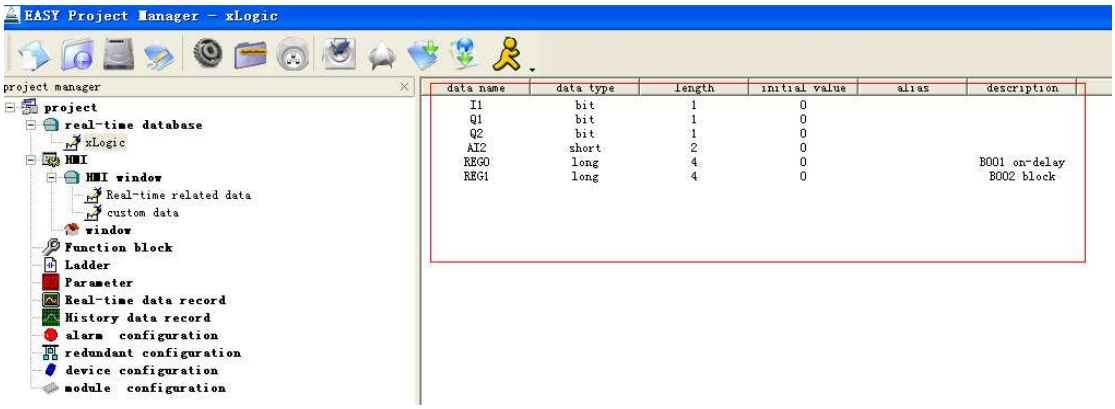
Startup “Easy Project Manger” software and creat a new project:



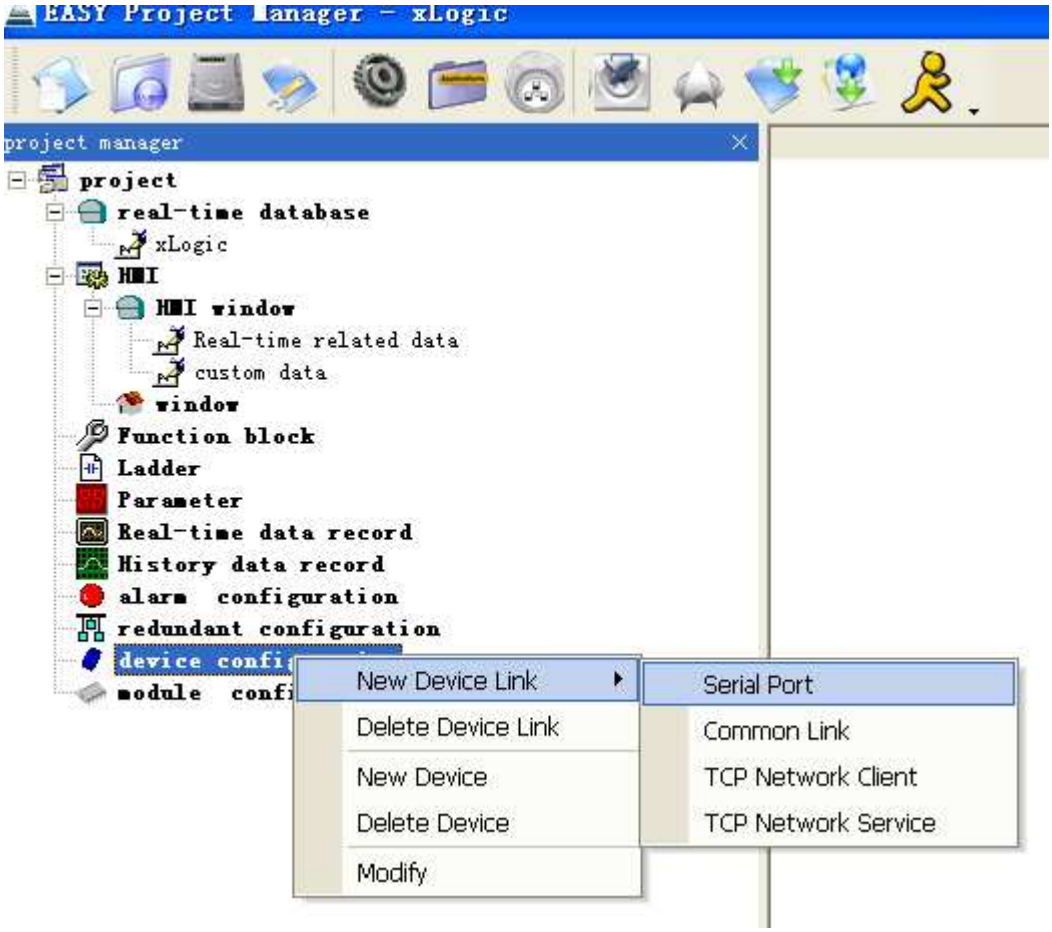
Creat a new database and named “xLogic”

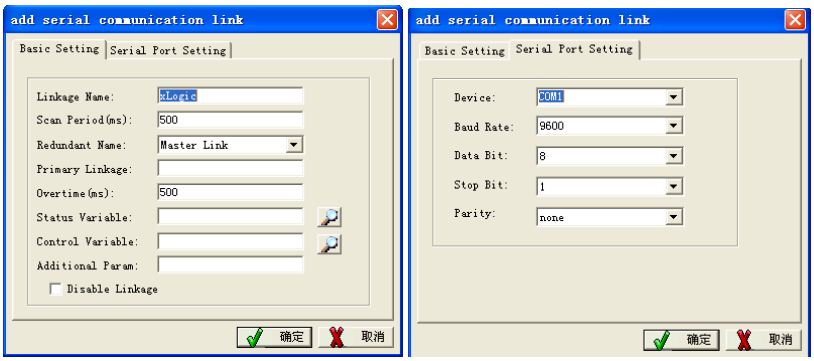


Creat data in the xLogic database

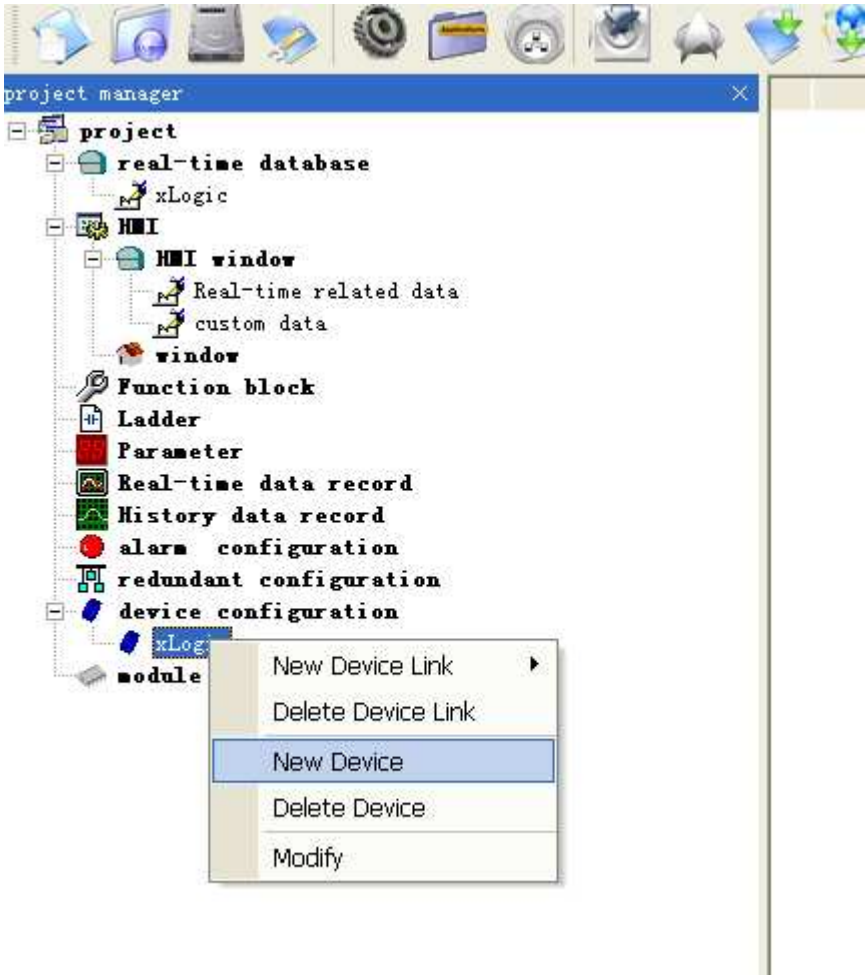


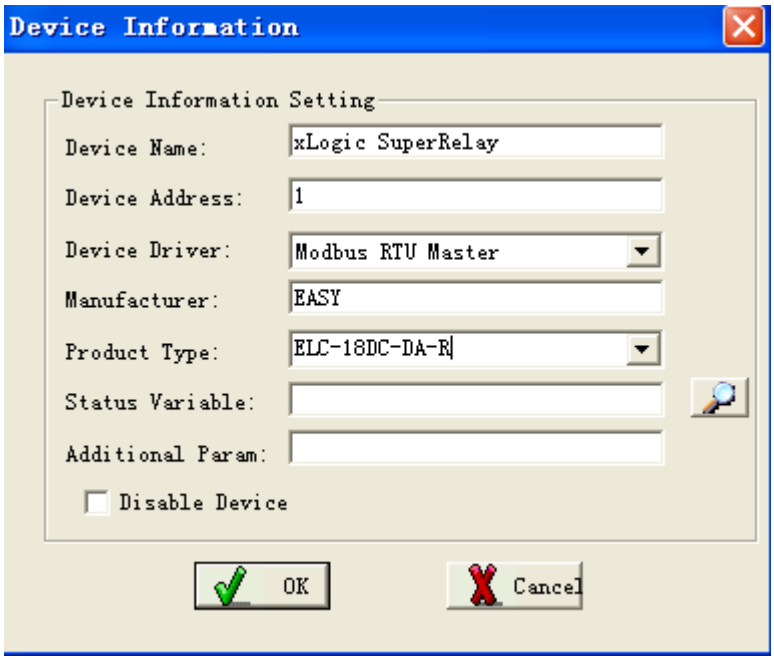
Device configuration:

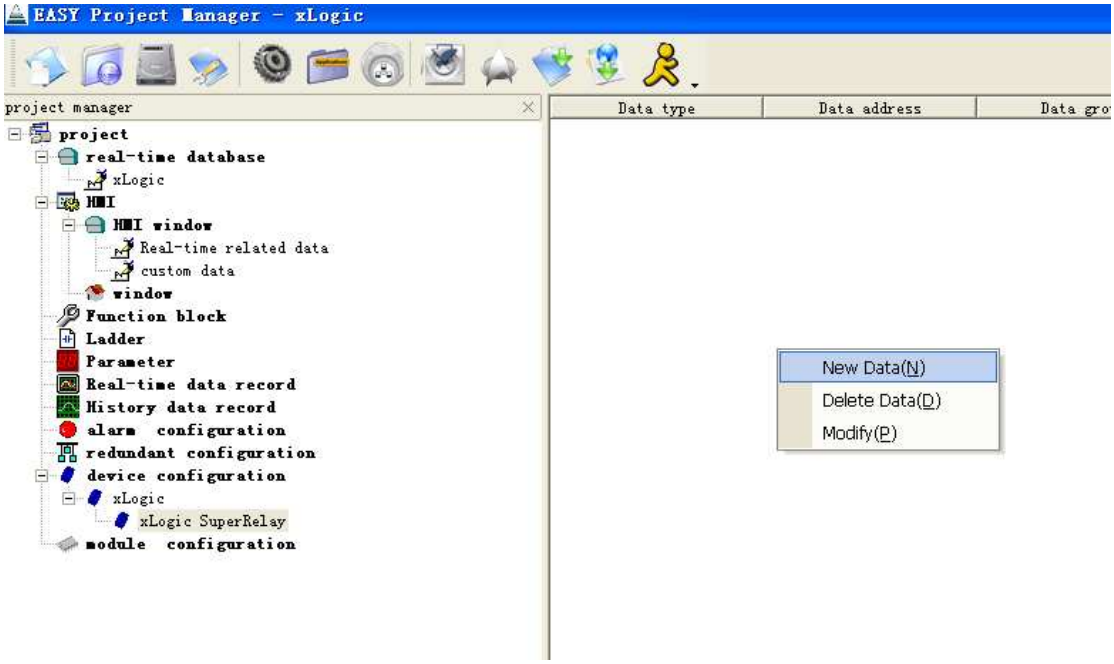




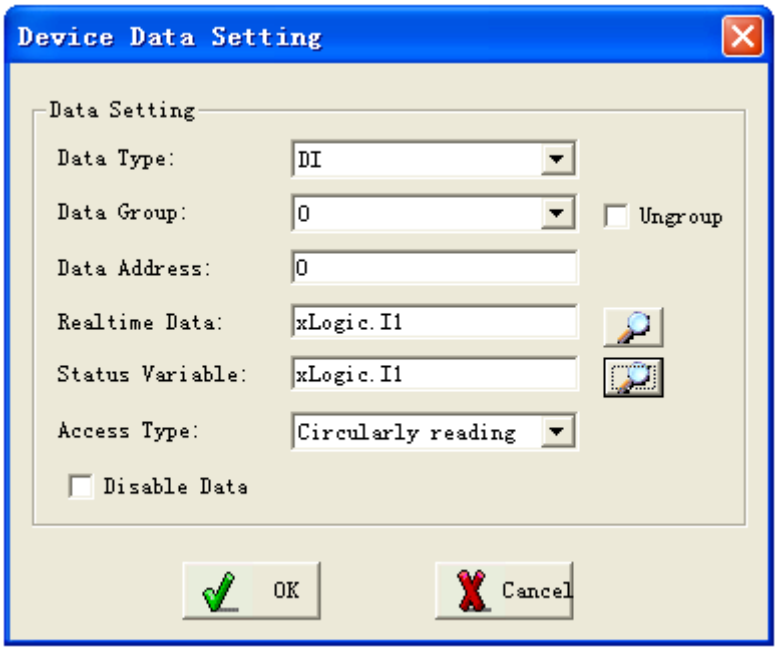
Creat new device:


project manager
project
real-time database
xLogic
HMI
HMI window
Real-time related data
custom data
window
Function block
Ladder
Parameter
Real-time data record
History data record
alarm configuration
redundant configuration
device configuration
xLog
module
New Device Link
Delete Device Link
New Device
Delete Device
Modify

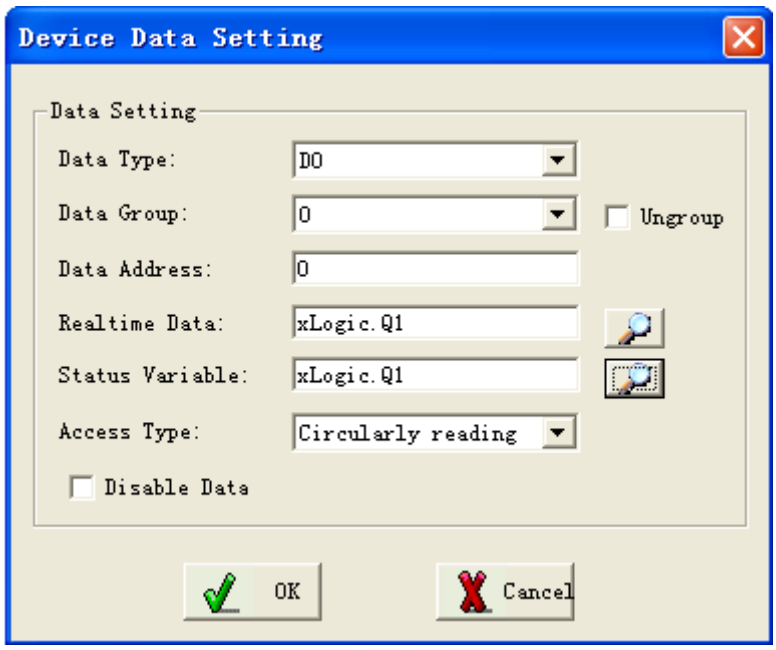

Device Information
Device Information Setting
Device Name:
xLogic SuperRelay
Device Address:
1
Device Driver:
Modbus RTU Master
Manufacturer:
EASY
Product Type:
ELC-18DC-DA-R
Status Variable:
Additional Param:
Disable Device
OK
Cancel


EASY Project Manager - xLogic
project manager
project
real-time database
xLogic
HMI
HMI window
Real-time related data
custom data
window
Function block
Ladder
Parameter
Real-time data record
History data record
alarm configuration
redundant configuration
device configuration
xLogic
xLogic SuperRelay
module configuration
Data type
Data address
New Data(N)
Delete Data(D)
Modify(P)

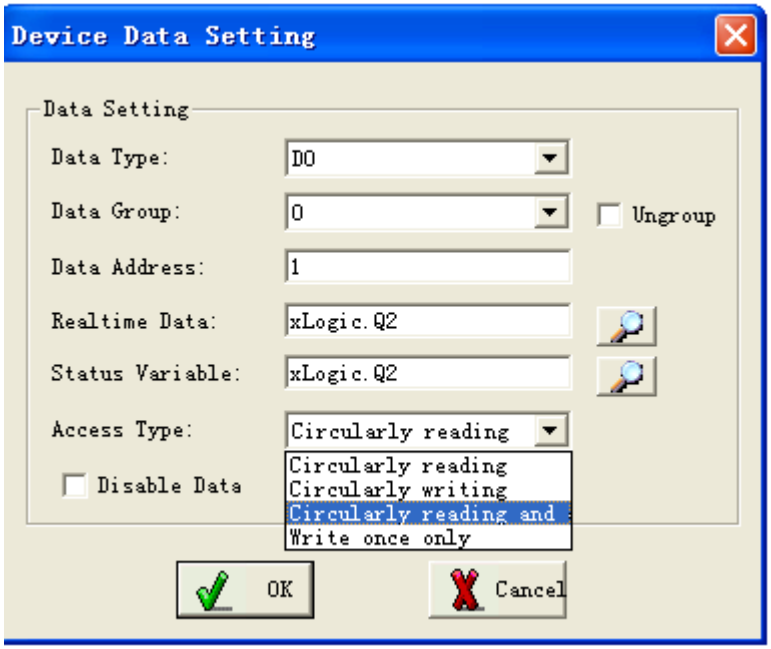
I1


Device Data Setting
Data Setting
Data Type:
DI
Data Group:
0
Ungroup
Data Address:
0
Realtime Data:
xLogic.I1
Status Variable:
xLogic.I1
Access Type:
Circularly reading
Disable Data
OK
Cancel

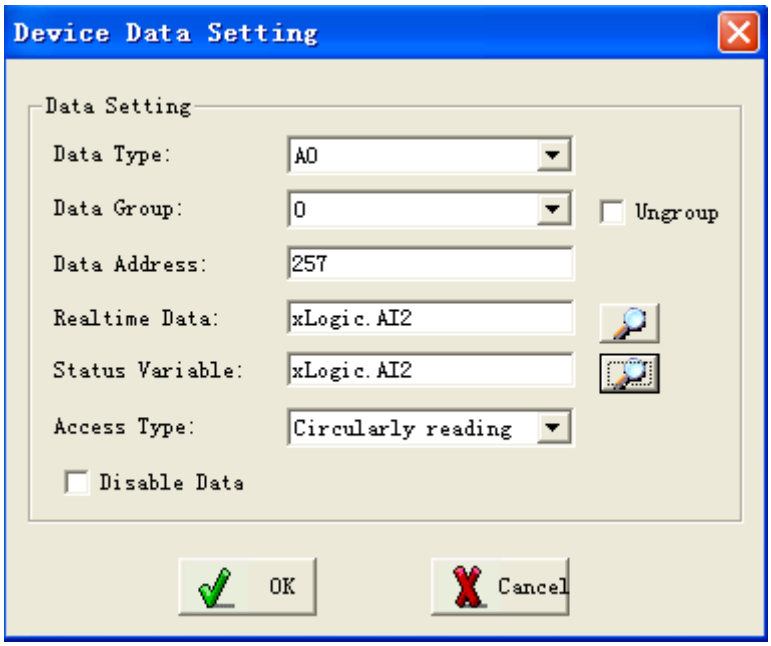
Q1


Device Data Setting
Data Setting
Data Type:
DO
Data Group:
0
Ungroup
Data Address:
0
Realtime Data:
xLogic.Q1
Status Variable:
xLogic.Q1
Access Type:
Circularly reading
Disable Data
OK
Cancel

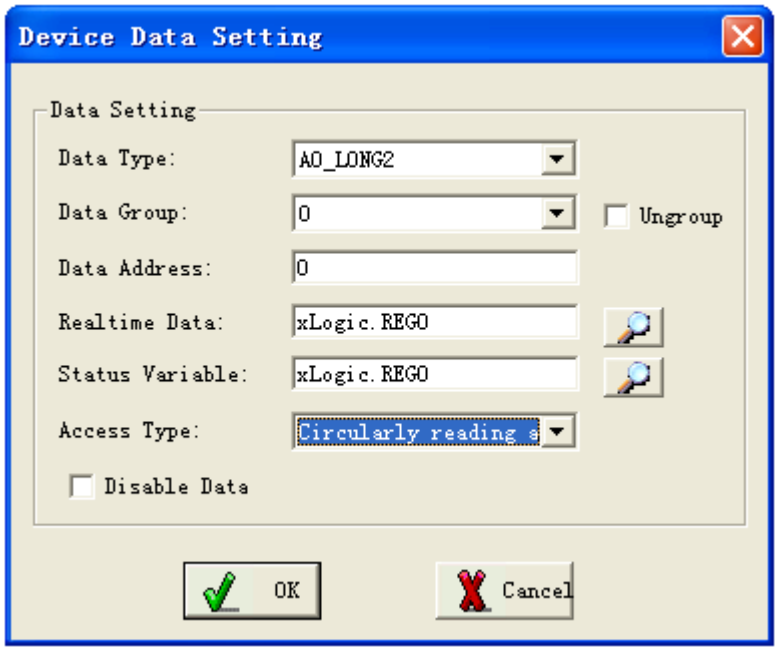
Q2


Device Data Setting
Data Setting
Data Type:
DO
Data Group:
0
Ungroup
Data Address:
1
Realtime Data:
xLogic.Q2
Status Variable:
xLogic.Q2
Access Type:
Circularly reading
Circularly reading
Circularly writing
Circularly reading and
Write once only
Disable Data
OK
Cancel

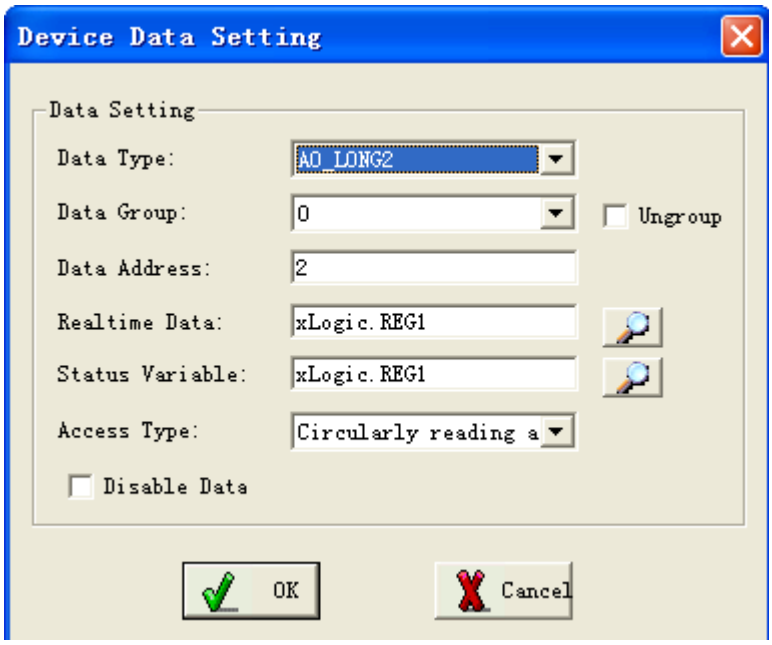
AI2

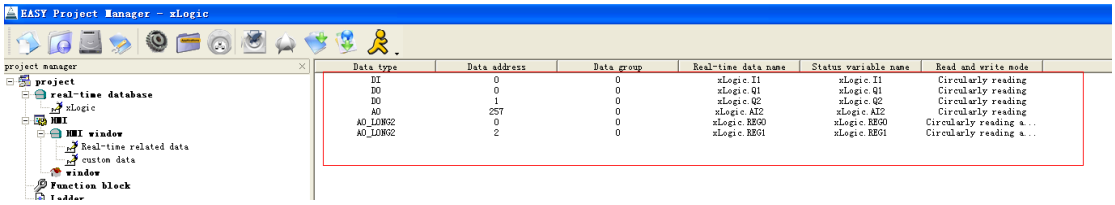


REG0 B001 on-delay

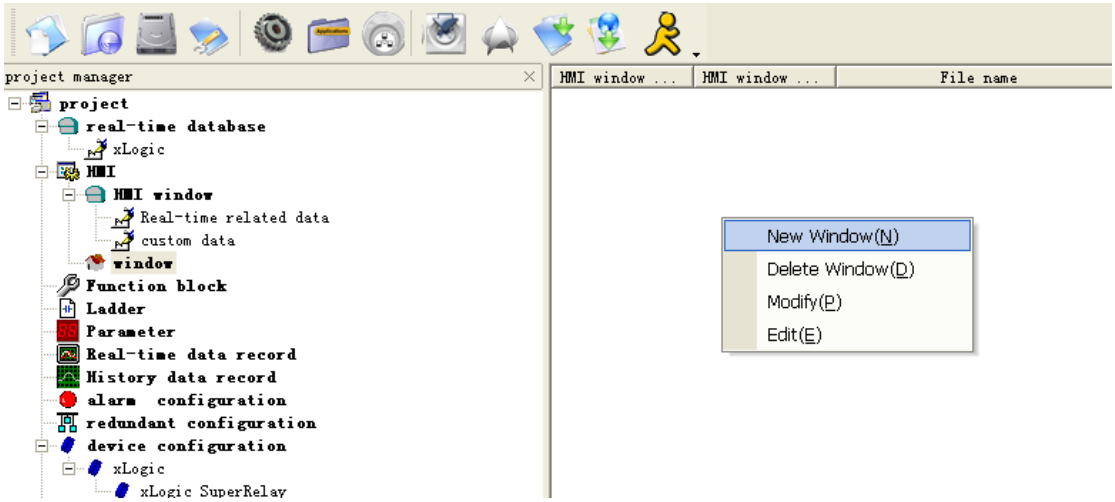


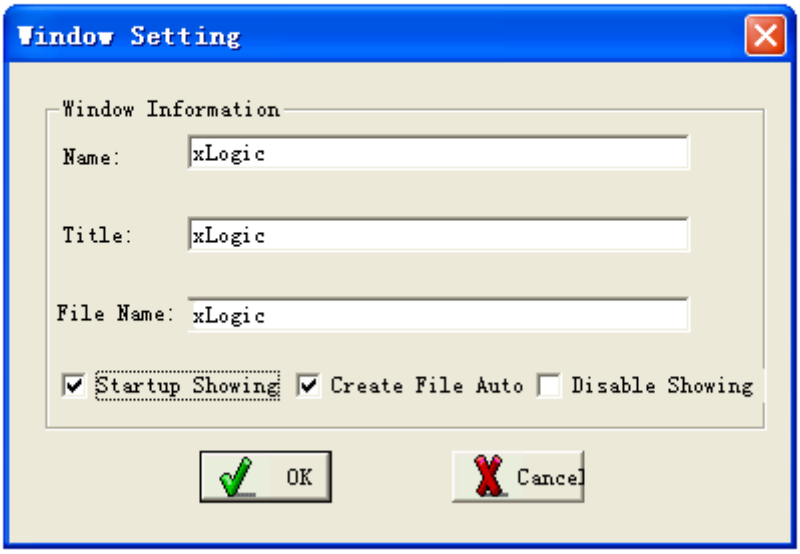
REG1 B002 Asynchronous Pulse Generator

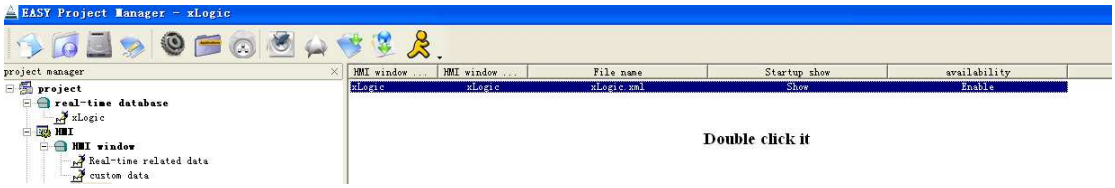




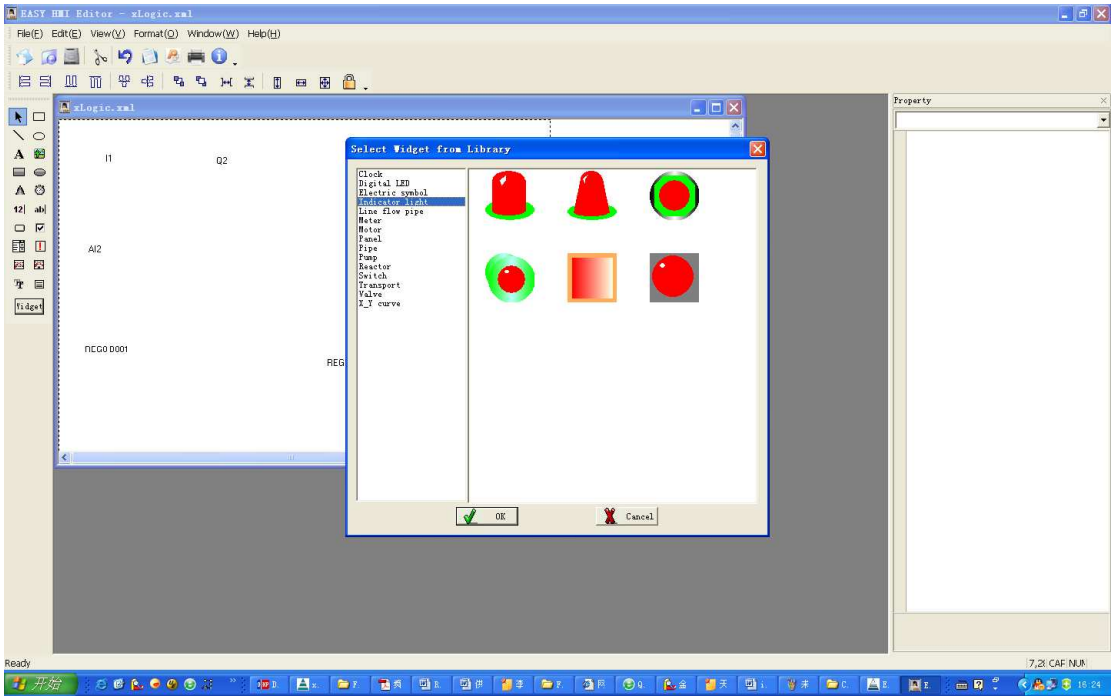
Now ,Creat a window.

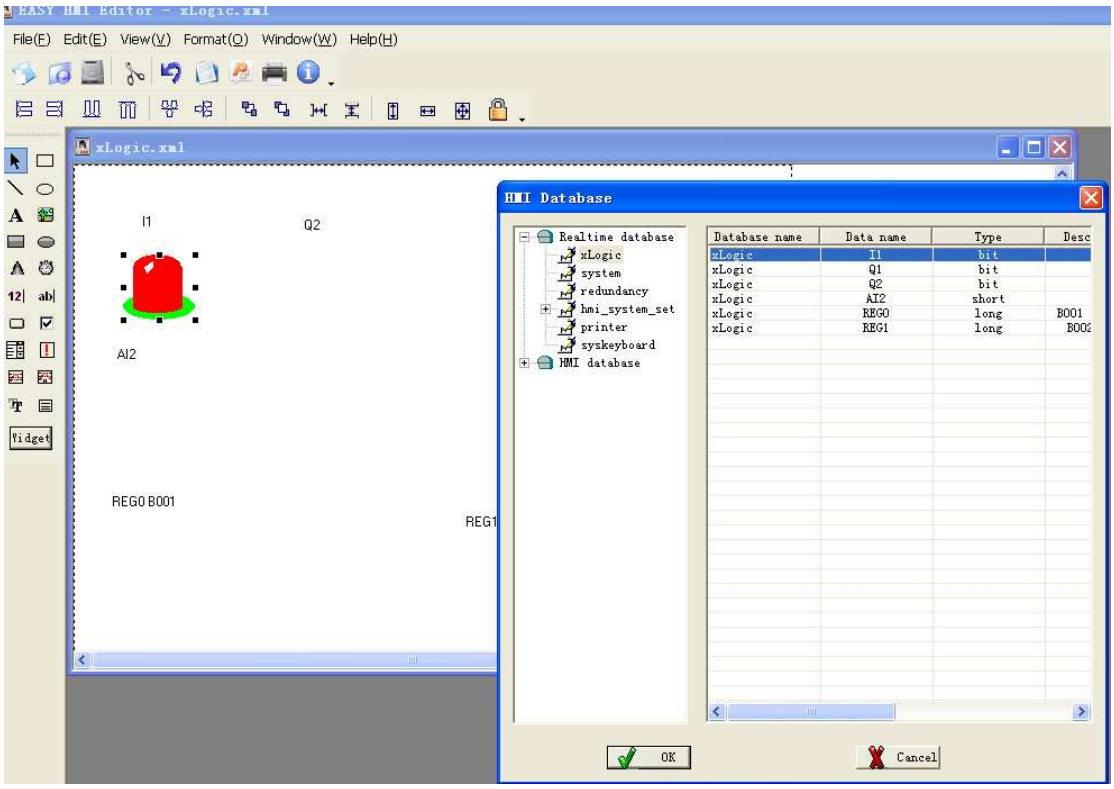


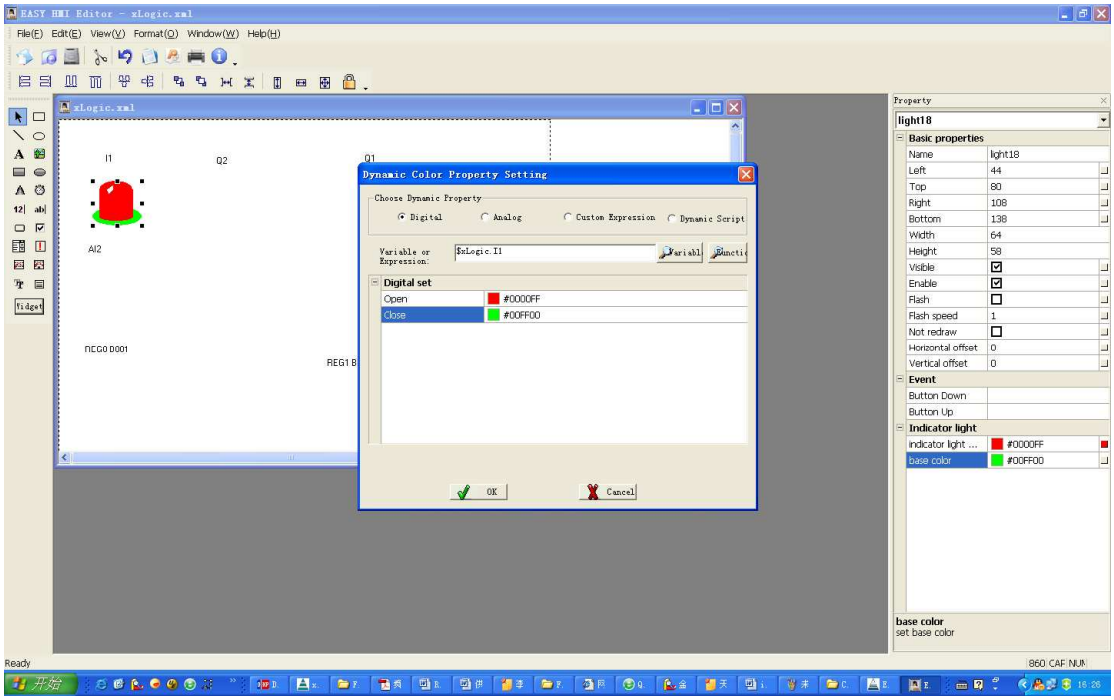




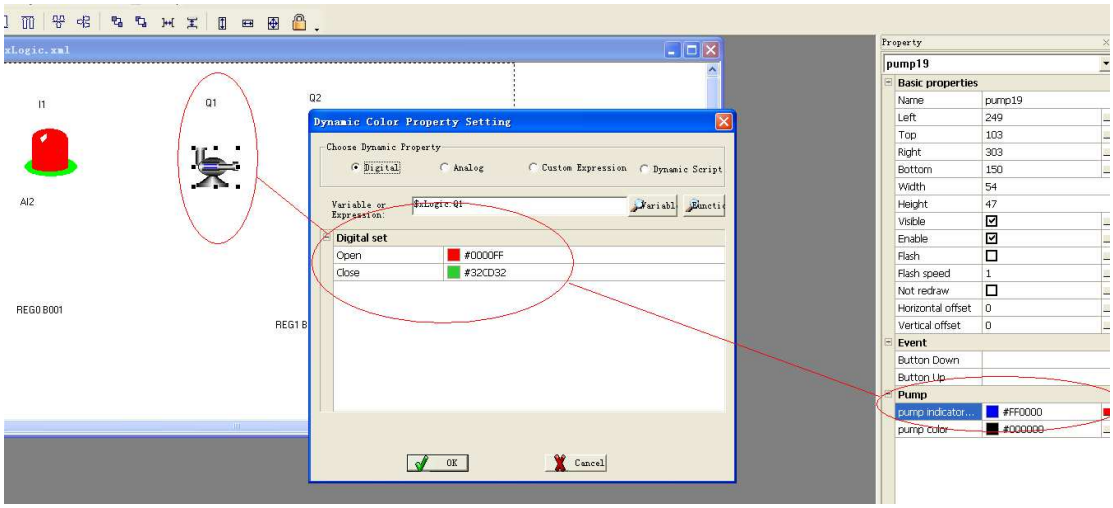
One indicator for I1


EASY HMI Editor - xLogic.xml
File(F) Edit(E) View(V) Format(O) Window(W) Help(H)
xLogic.xml
I1
Q2
AI2
REG0 B001
REG
Select Widget from Library
Clock
Digital LED
Electric symbol
Indicator light
Line flow pipe
Meter
Motor
Panel
Pipe
Pump
Reactor
Switch
Transport
Valve
X_Y curve
OK
Cancel
Property
Ready

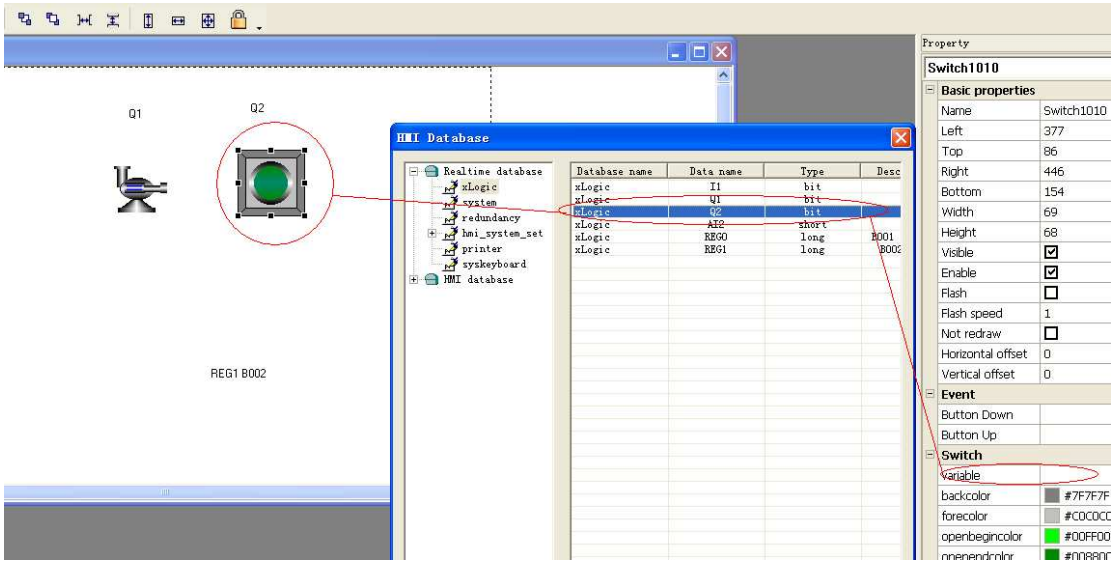

EASY HMI Editor - xLogic.xml
File(F) Edit(E) View(V) Format(O) Window(W) Help(H)
xLogic.xml
I1
Q2
AI2
REG0 B001
REG1
HMI Database
Realtime database
xLogic
system
redundancy
hmi_system_set
printer
syskeyboard
HMI database
Database name
Data name
Type
xLogic I1 bit
xLogic Q1 bit
xLogic Q2 bit
xLogic AI2 short
xLogic REG0 long B001
xLogic REG1 long
OK
Cancel



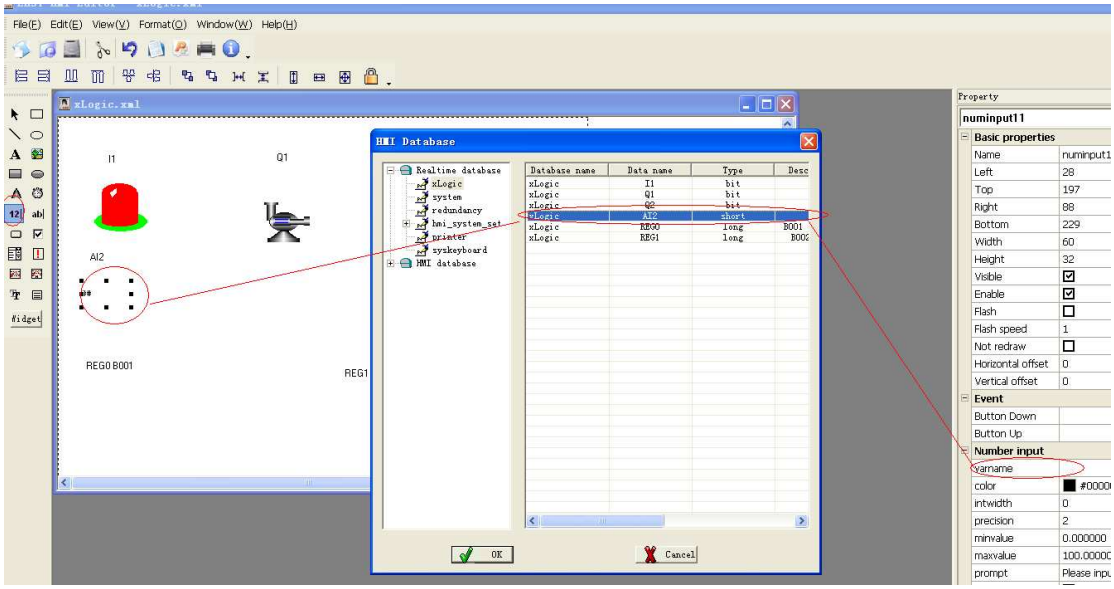
Q1 Select a pump



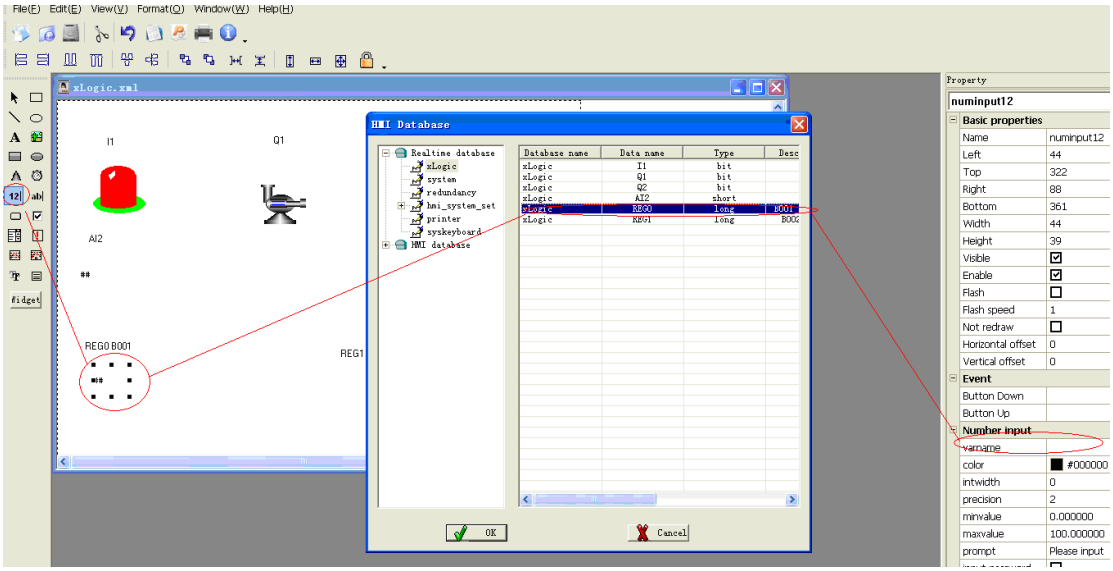
Q2 select a switch.



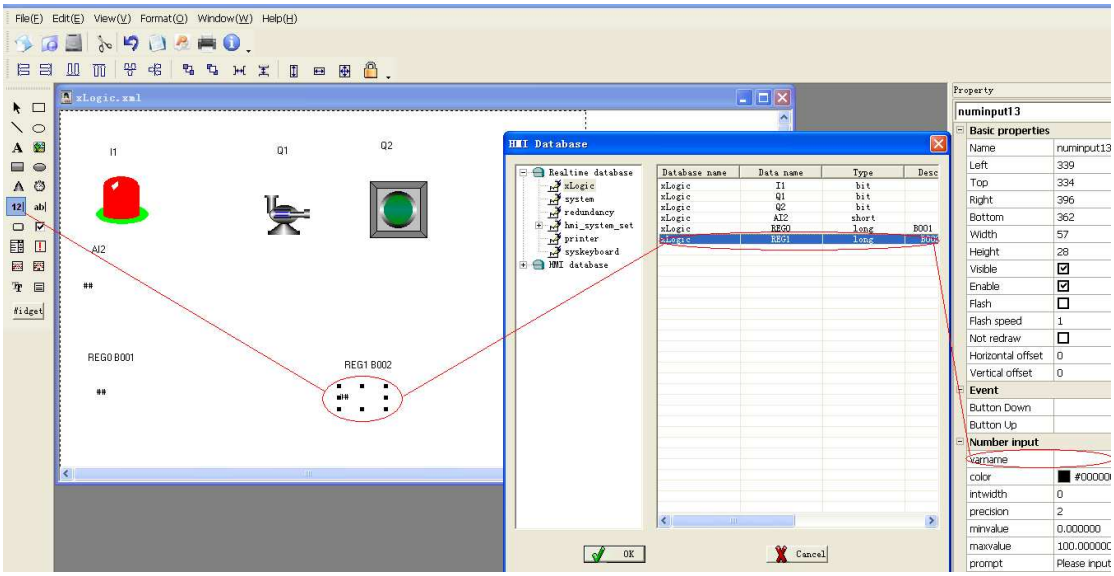
AI2



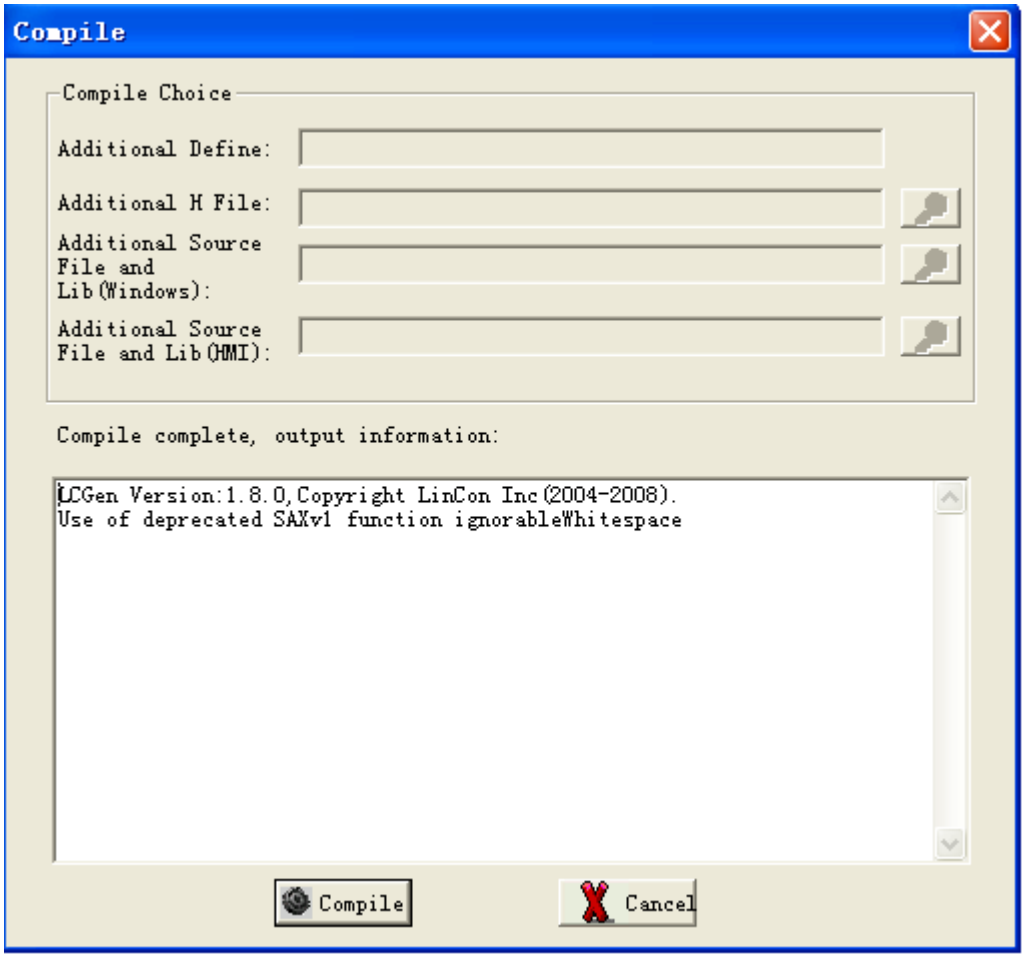
REG0 B001



REG1 B002

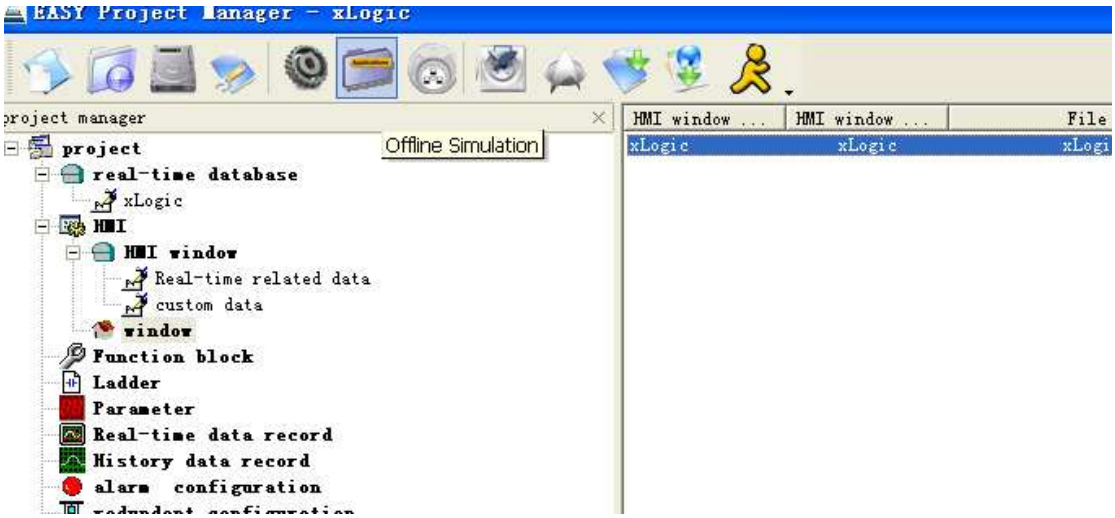


Save project and compile it .



Connect your PC (com1 port) and xLogic SuperRelay via ELC-RS232cable ..

Now you can off-line simulation.



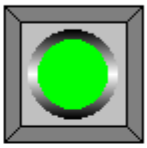
EASY - Runtime

File(F) Window(W) Help(H)

I1

Q1

Q2



AI2

5

REG0 B001

10.00

REG1 B002

4.41

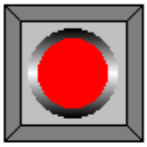
EASY - Runtime

File(F) Window(W) Help(H)

I1

Q1

Q2



AI2

1000

REG0 B001

0.00

REG1 B002

0.00