

Data Create	2015/06/10	Release Note	<input type="checkbox"/> Internal <input checked="" type="checkbox"/> External
Category	FAQ	Product Group	IAG
Function	DIO	Related OS	WS7P
Related Product	UNO-1483G		

[Abstract]

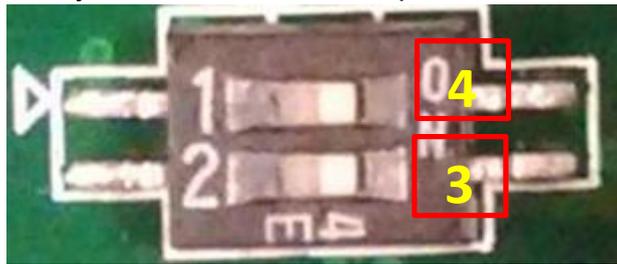
The document describes how to use DIO in UNO-1483G.

Example code (VC++) and utility is put under the path of C:\Program Files(x86)\Advantech\AdECGpio\Examples.

[Solution]**About the function of Digital Input.**

<Setting>

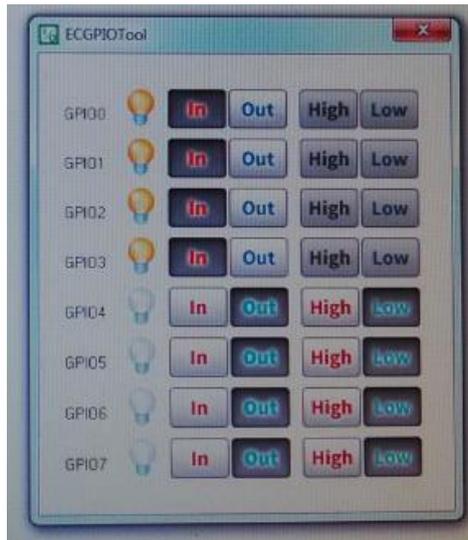
1. Select dry contact or wet contact by change SW7. In my testing, I select UNO-1483G's DI in dry contact mode. Set Dip Switch to 2 and 4.



(This is as an example picture for SW7's pin number definition)

<Verification>

2. Execute "ECGPIO Tool", you can see
3. Short pin "ECOM" and "DI0", you can see the corresponding LED(GPIO0) on ECGPIO Tool is changed.



(ECGPIO Tool)

About the function of Digital Output.

<Setting>

1. There is no dry contact or wet contact mode for UNO-1483G's Digital Output. Do need to change anything.

<Verification>

2. User "MUST" apply an external voltage from 5-40voltage. Don't forget to add external loading while testing DO.
3. I use 4.7K ohm and a LED as external loading while applying 24Voltage. And the status of LED can be changed while I click the corresponding button on ECGPIO Tool.

PS:

1. Driver has to be installed on corresponding UNO.
2. The DO's design of UNO-1483G is similar to the following figure. But the external voltage(5~40V) must be applied.

