

Init Setting Manual

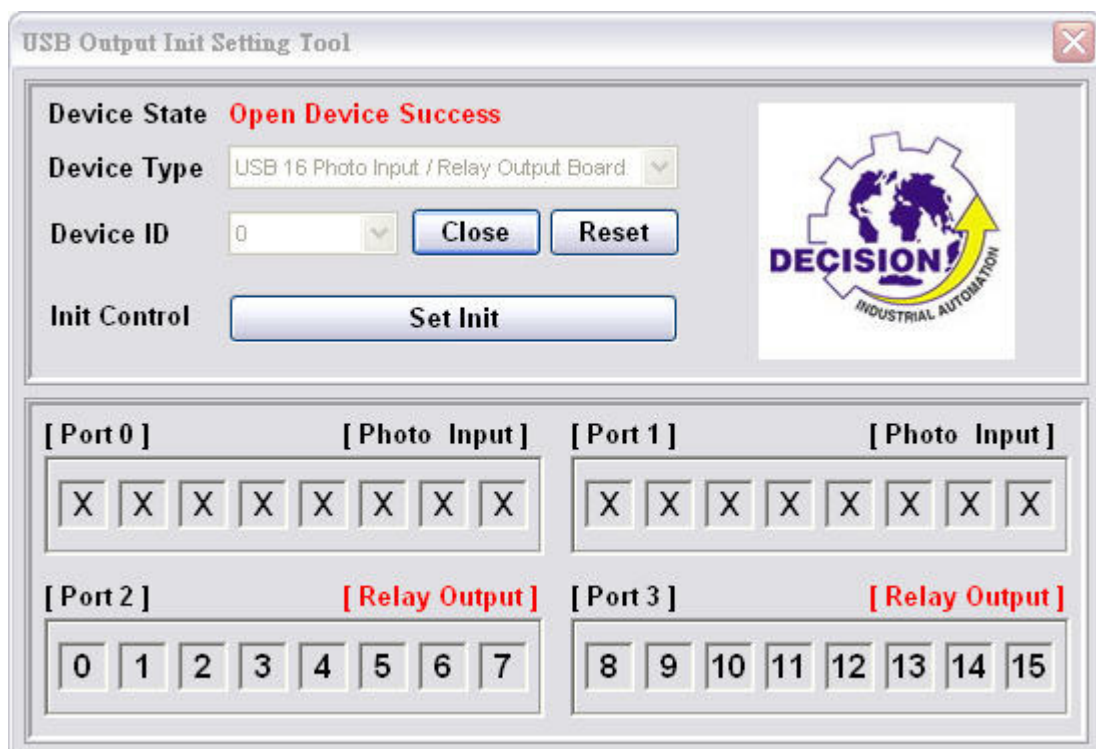
USB Init Set Tool.exe is the tool software which can allow users to set init default value for output port in some USB series products. You can follow the steps to set init value.

1. Remove the external input signal Voltage and only support device power.
2. Connect PC to the Board by USB and start the program.

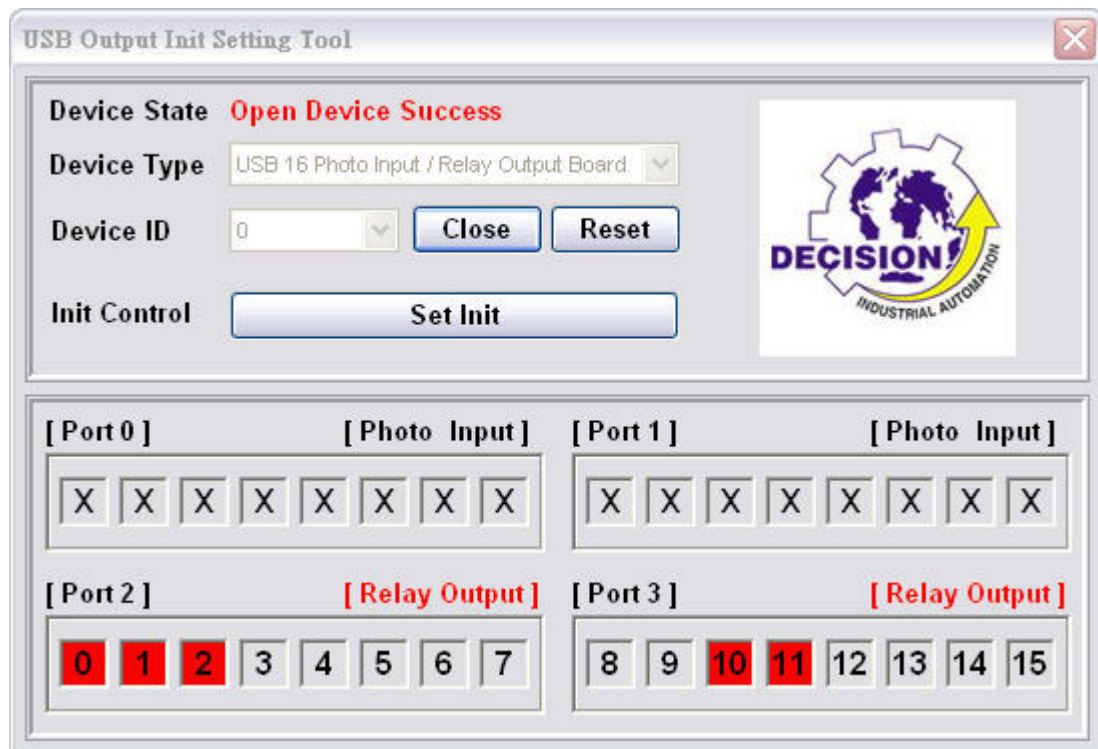


Note: Only output ports can be set init value.

3. Select the device you want to set and select the ID matched with the board and then press “open”, now we take USB_16PR as an example.



4. You can set init value on output port by clicking the output bit and press “Set Init” when finished. It should show synchronizing on the board.



5. When finishing setting, please press the reset button on the board. And use this tool carefully due to init value you set will be loaded when power on, it may cause damage for its init state changed.

Notice:

1. USB LABKIT and USB STARTER are not supported by this program.
2. USB8PR provide 16 digital channels (TTL level) and allow user to set them as 8 channel input port or 8 channel output port. Default setting is both of the ports as input

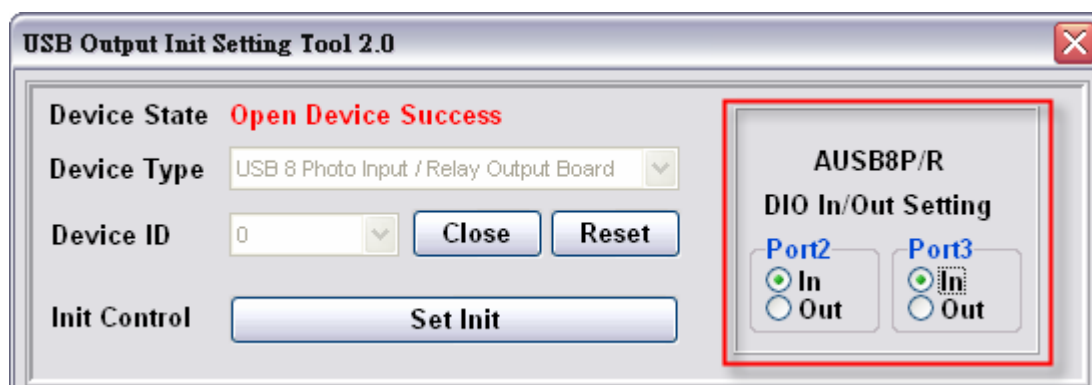
When user needs to change the port setting,

It can be set only by hardware in hardware version **DCI08110800**.





(JP10 and JP11 on the board)

It must be set in both hardware and software in hardware version DCI08110803

((JP9, JP10 on the board and this init tool "USB Init Tool.exe"))



In hardware setting, JP9 and JP10 on the board are used to select input/output of digital I/O. When short JP9 means select input mode for D0 to D7, otherwise open JP9 means select output mode for D0 to D7. When short JP10 means select input mode for D8 to D15, otherwise open JP10 means select output mode for D8 to D15.

DIO Port1(D0~D7)		DIO Port2 (D8~D15)	
as Input	as Output	as Input	as Output
Short JP9	Open JP9	Short JP10	Open JP10
			
JP9	JP9	JP10	JP10

After setting by the software, the setting of JP9 and JP10 must match the setting, or it could be dangerous. Especially in setting ports as output, it must open the jump on the board, or it may cause main IC damaged. Please use this function extremely carefully.