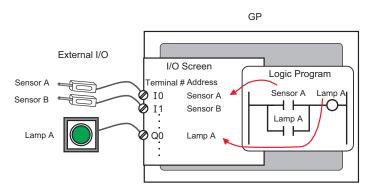
# 30.3 Controlling GP External I/O

### 30.3.1 Detail

Use the GP internal DIO driver to control GP external inputs and outputs.

There are 6 inputs and 2 outputs.



### 30.3.2 Setup Procedure

• Please refer to the Settings Guide for details.

1 When you select AGP-XXXXX-D81 as the display unit, the DIO driver is automatically set up.

2 In the [System Settings] window, select [I/O Driver] to display the following screen.

System Settings 4 × Display Display	Display Unit Series Model Orientation	GP3000 Series AGP-3500T-D81 Landscape		
Display Unit		Lanuscape		
Logic Programs	1/0 Driver		Add I/O Driver	Remove I/O Driver
Video/Movie	Int. Driver 1			
Font				<u>I/O Screen</u>
Peripheral Settings  Peripheral List  Device/PLC  Printer Input Equipment Settings Script I/O Settings I/O Driver ETP Server Modem Video Modules	DIO Driver(ID Input Points:6 Type:Bit Output Points:2 Type:Bit	):#1) //O Driver Settings (I)		
Sy ∰ Ad Col Q Sel S Col  Sol	m Sattings]	tab is not displayed in	the workspace	e on the Wiew
	-	orkspace (W)], and then	-	

**3** Click [I/O Driver Settings]. In the dialog box that appears, select input and output types and click [OK].

🔆 I/O Driver Setti	ngs	×
Input		
Points 6	Type (T) Bit	7
Output		-
Points	Type (Y) Bit	7
E Retentive	e Output (K)	
OK (I	D) Cancel (C	3

4 Click [I/O Screen] to set up I/O terminals.

💻 Base	1(Untitled) 🗵 题	DIO(Untitled) 🗵
● 3 ● ◆ × ◆ ●		
DIO Driver	(ID:#1)	
Name	Variable	IEC Address
Ø 10		
Ø 11		
💋 12 💋 13		
13		
Ø 15		
💋 QO		
💋 Q1		

• You can also display the I/O Screen from the [Screen List] window. NOTE

5 Map an address (variable) to each terminal. The following describes how to map addresses. "30.1.2 Mapping Addresses (variables) to I/O Terminals" (page 30-3)

## 30.3.3 [I/O Driver Settings] Setting Guide

### DIO Driver

In the [System Settings] window, select [I/O Driver] to display the following screen.

I/O Driver	
Int. Driver 1	
	<u>I/O Screen</u>
DIO Driver(ID:#1) Input Points:6 Type:Bit Output Points:2 Type:Bit	1/0 Driver Settings (I)

Setting	Description	
I/O Driver	This button displays the [I/O Driver Settings] dialog box.	
I/O Screen	Click the button to switch to the I/O screen.	

### ♦ I/O Driver Settings

🕅 I/O Driver Settings	×
Input	
Points Type (T) 6 Bit 💌	
Output	
Points Type (Y)	
Retentive Output (K)	
OK (0) Cancel (C)	

Se	tting	Description
Inp	put	Select the variable type for the input from either [Bit] or [Word]. The Number of Points is 6 (fixed).
Ou	tput	Select the variable type for the output from either [Bit] or [Word]. The Number of Points is 2 (fixed).
	Retentive Output	Select whether or not you want to retain output values when the logic is stopped. When this check box is selected, I/O values are retained even when the GP is shut down.