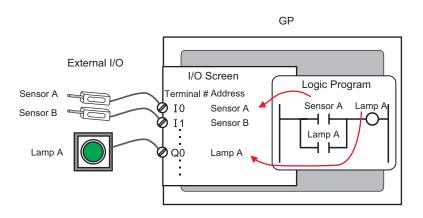
# 30.3 Controlling External I/O with GP Internal DIO

## 30.3.1 Details

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

- 1 Select AGP-XXXX-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	X Display Unit     Series GP3000 Series     Model AGP-3500T-D81     Orientation Landscape		
	I/O Driver Int. Driver 1	Add I/O Driver	Remove I/O Driver
Peripheral Settings Peripheral List Device/PLC Printer Input Equipment Settings Script I/O Settings I/O Driver FTP Server Modem Video Module/DVI Unit	DID Driver(ID:#1) Input Points:B Type:Bit Output Points:2 Type:Bit		
• If the [Sys	stem Settings] tab is not displayed in 1, point to [Workspace (W)], and then	-	

**3** Click [I/O Driver Settings]. The following dialog box appears. Select input and output address types and click [OK (O)].

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

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

	1(Untitled) 🛛 💹	DIO(Untitled) 🗵
DIO Driver(ID:#1)		
Name	Variable	IEC Address
Ø 10		
Ø I1		
Ø 12		
💋 I3		
Ø 14		
15		
🖉 QO		
🖉 Q1		

NOTE

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

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.

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

Setting	Description
I/O Driver Settings	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)	
Output	
Points Type (Y) 2 Bit	
E Retentive Output (K)	
OK (D) Cancel (C)	

Se	tting	Description
Inp	but	Select the variable type for the input from either [Bit] or [Word]. The Number of Points is 6 (fixed).
OutputSelect the variable type for the output from The Number of Points is 2 (fixed).		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.