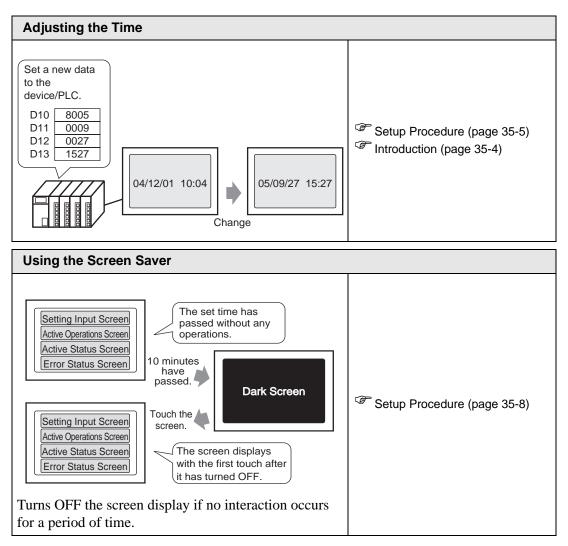
35 Adjusting the Time and Screen Saver

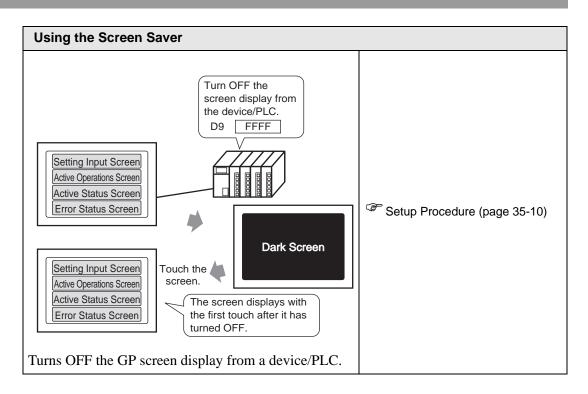
This chapter describes how to enable, adjust, and disable the time data and screen saver functions.

Please start by reading "35.1 Settings Menu" (page 35-2), and then turn to the corresponding page.

Settings Menu	
Adjusting the Time	
Using the Screen Saver	
Restrictions	
	Adjusting the Time Using the Screen Saver

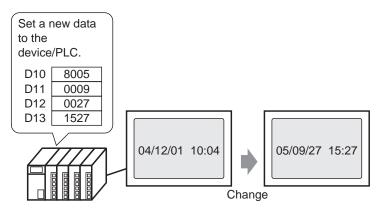
35.1 Settings Menu





35.2 Adjusting the Time

35.2.1 Introduction

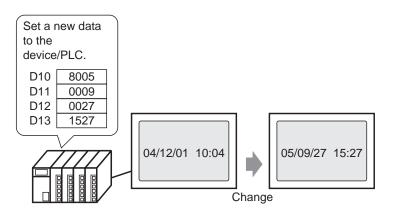


Sets the GP clock data (BCD) from a device/PLC.

35.2.2 Setup Procedure

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NOTE
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Please refer to the Settings Guide for details.
 ^{CP} "5.17.6 [System Settings] Setting Guide ◆ System Area Settings" (page 5-175)



1 Select the [System Settings] tab to display [System Settings].

Display Display Unit Display Unit Logic Programs Video/Movie Eont Peripheral Settings Peripheral Settings Peripheral Settings Peripheral List Device/PLC Pinter Input Equipment Script I/O Driver ETP Server Modem Video Module/DVI Unit	System Settings	4 >
Display Unit Logic Programs Video/Movie Eont Peripheral Settings Peripheral Settings Peripheral List Device/PLC Printer Input Equipment Script I/O Driver ETP Server Modem	Display	
Logic Programs Video/Movie Eont Peripheral Settings Peripheral List Device/PLC Printer Input Equipment Script I/O Driver ETP Server Modem	<u>Display</u>	
Video/Movie Eont Peripheral Settings Peripheral List Device/PLC Printer Input Equipment Script I/O Driver ETP Server Modem	Display Unit	
Font Peripheral Settings Peripheral List Device/PLC Printer Input Equipment Script I/O Driver ETP Server Modem	Logic Programs	
Peripheral Settings Peripheral List Device/PLC Printer Input Equipment Script I/O Driver ETP Server Modem	<u>Video/Movie</u>	
Peripheral List Device/PLC Printer Input Equipment Script I/O Driver ETP Server Modem	Font	
Device/PLC Printer Input Equipment Script I/O Driver ETP Server Modem	Peripheral Settings	
Printer Input Equipment Script I/O Driver FTP Server Modem	Peripheral List	
Input Equipment Script I/O Driver ETP Server Modem	Device/PLC	
Script 1/0 Driver ETP Server Modem	Printer	
<u>I/O Driver</u> FTP Server Modem	Input Equipment	
<u>FTP Server</u> Modem	<u>Script</u>	
Modem	<u>I/O Driver</u>	
	FTP Server	
Video Module/DVI Unit	Modem	
	Video Module/DVI Unit	
	🔊 Sy 🗮 Ad 🔛 Col 🔍 Se 🖾 Co [∺ Scr

NOTE

• If the [System Settings] tab is not displayed in the workspace, on the [View (V)] menu, point to [Workspace (W)], and then click [System Settings (S)].

2 On the [Display] menu, select [Display Unit].

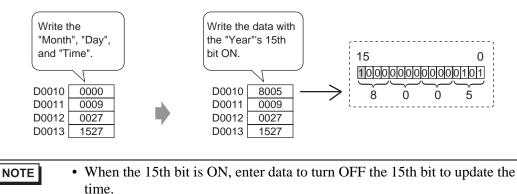
System Settings	4 x
Display	
Display	
Display Unit	
Logic Programs	
<u>Video/Movie</u>	
Font	

3 Select the [System Area] tab. In the [System Data Area], set [System Area Start Address] and select the [Enable System Data Area] check box.

Select the [Clock Data (Preset Value): (4 Words)] check box.

Display Operation Mode Logic	System Area	Extended Settings Remote Viewer
Display		
System Area Device PL	C1	•
System Data Area		
System Area Start Address	[PLC1]D0000	00
Read Area Size		#
💌 Enable System Data Area		
System Data Area Items		Number of Words in use: 16
Current Screen: (1 Word)		[PLC1]D00000
🔽 Error Status: (1 Word)		[PLC1]D00001
🔽 Clock Data (Current): (4 V	Vord)	[PLC1]D00002
🔽 Status: (1 Word)		[PLC1]D00006
🔽 Reserved (Write): (1 Wor	d)	[PLC1]D00007
🔽 Change-To Screen: (1 W	ord)	[PLC1]D00008
Screen Display ON/OFF:	(1 Word)	[PLC1]D00009
🔽 Clock Data (Preset Value): (4 Word)	[PLC1]D00010
Control: (1 Word)		[PLC1]D00014
🔽 Reserved (Read): (1 Wor	d)	[PLC1]D00015
🔲 Window Control: (1 Word)	
🔲 Window Screen: (1 Word)	
🔲 Window Display Position:	(2 Words)	

4 Write clock data to the address displayed in [Clock Data (Preset Value):(4 Words)] with BCD. Clock data is rewritten if a data rewrite flag (for example, D0010 bit 15) changes (OFF to ON or ON to OFF). The procedure for writing data is as follows.



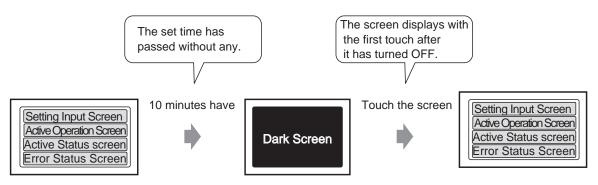
• You cannot change the "Seconds" data. It is reset to "0" when the clock data is rewritten.

35.3 Using the Screen Saver

35.3.1 Turning off the Screen When Not in Use

• Please refer to the Settings Guide for details.

[™] "5.17.6 [System Settings] Setting Guide ♦ Display Settings" (page 5-147)



Turns OFF the screen display if no interaction occurs for a period of time.

1 Select the [System Settings] tab to display [System Settings].

System Settings 🛛 🗘 🗙
Display
<u>Display</u>
Display Unit
Logic Programs
Video/Movie
Font
Peripheral Settings
Peripheral List
Device/PLC
Printer
Input Equipment
Script
1/0 Driver
FTP Server
Modem
Video Module/DVI Unit
🏹 Sy 🗮 Ad 🎑 Col 🔍 Se 🞑 Co 🖽 Scr

NOTE

• If the [System Settings] tab is not displayed in the workspace, on the [View (V)] menu, point to [Workspace (W)], and then click [System Settings (S)].

2 On the [Display] menu, select [Display Unit].



3 On the [Display] tab, set the [Standby Mode] to [Screen OFF] in [Screen Settings]. (For example, Screen OFF)

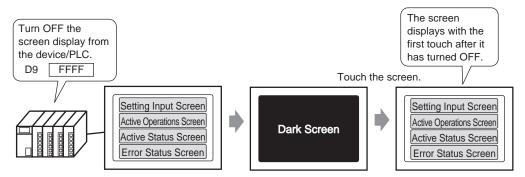
m Area 🛛 Extended Settings 🗍 Remote Viewer 📄
1 🕀
● Bin ⊂ BCD
0 🕂 🏭 Seconds
Screen OFF
1 🕂 🗰 Minutes
1 🗮

4 In [Standby Mode Time], set the time to wait between the last touch and turning OFF the screen. (For example, 10)

Standby Mode	Screen OFF 💌
Standby Mode Time	10 📑 🏢 Minutes

• If there is no screen operation or alarm occurrence for the [Standby Mode Time], the screen display turns OFF. To display a screen, touch the screen once.

35.3.2 Turning OFF the Screen from a Device/PLC



Turns OFF the GP screen display from a device/PLC.

1 Select the [System Settings] tab to display [System Settings].

System Settings 🛛 🕂 🗙
Display
Display
Display Unit
Logic Programs
<u>Video/Movie</u>
Font
Peripheral Settings
Peripheral List
Device/PLC
Printer
Input Equipment
Script
I/O Driver
FTP Server
Modem
Video Module/DVI Unit
词 Sy 🇮 Ad 🔛 Col 🔍 Se 🗳 Co 🖼 Sor

NOTE

• If the [System Settings] tab is not displayed in the workspace, on the [View (V)] menu, point to [Workspace (W)], and then click [System Settings (S)].

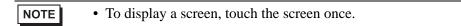
2 On the [Display] menu, select [Display Unit].

System Settings	4 x
Display	
Display	
Display Unit	
Logic Programs	
<u>Video/Movie</u>	
Font	

3 Select the [System Area] tab. In the [System Data Area], set [System Area Start Address] and select the [Enable System Data Area] check box. Select the [Screen Display ON/OFF: (1 Word)] check box.

Display Operation Mode Logic System Ar	ea Extended Settings Remote Viewer
Display	
System Area Device PLC1	•
System Data Area	
System Area Start Address	00000
Read Area Size 0	
🔽 Enable System Data Area	_
System Data Area Items	Number of Words in use: 16
Current Screen: (1 Word)	[PLC1]D00000
Error Status: (1 Word)	[PLC1]D00001
Clock Data (Current): (4 Word)	[PLC1]D00002
Status: (1 Word)	[PLC1]D00006
Reserved (Write): (1 Word)	[PLC1]D00007
Change-To Screen: (1 Word)	[PLC1]D00008
Screen Display ON/OFF: (1 Word)	[PLC1]D00009
Clock Data (Preset Value): (4 Word)	[PLC1]D00010
Control: (1 Word)	[PLC1]D00014
Reserved (Read): (1 Word)	[PLC1]D00015
Window Control: (1 Word)	
🔲 Window Screen: (1 Word)	
Window Display Position: (2 Words)	

4 Write "FFFFh" to the address displayed in [Screen Display ON/OFF: (1 Word)]. The GP screen display turns OFF.



35.4 Restrictions

35.4.1 Restrictions for Adjusting the Clock

Clock data is written to if the data rewrite flag changes. (OFF to ON or ON to OFF) You cannot change the "Seconds" data. It is reset to "0" when the clock data is rewritten. For example, October 16, 2005 9:57 PM
 The current data in the [Clock Data (Preset Value)] address is 0000.
 Write the "Month", "Day", and "Time" into the following addresses.

•Write 0010 to [Clock Data (Preset Value)] + 1.

•Write 0016 to [Clock Data (Preset Value)] + 2.

•Write 2157 to [Clock Data (Preset Value)] + 3.

In the [Clock Data (Preset Value)] addresses, turn ON the 15th bit under "Year" (data 8005) and the clock data is rewritten.

- The clock data's [Data Type] is set to BCD.
- When setting the clock data using the memory link method, use the five addresses 0004 to 0008 to directly store the data, such as year, month, day, hour, and minute, respectively.

35.4.2 Restrictions for Turning OFF the Screen

- With the [Standby Mode Time] settings, if the [Screen Display ON/OFF: (1 Word)] address data is "0000h" and none of the following actions occur set length of time, the screen turns off:
 - 1. Changing the screen by touch or from the device/PLC.
 - 2. Operating the screen by touch.
 - 3. Configure Alarm Messages to display as scroll banners.
 - 4. Display an error message.
- Set the standby mode time within the range of 1-255.
- The first touch input after the screen display turns OFF turns the screen display back ON.
- When turning OFF the screen display from a device/PLC, the screen display disappears if the value "FFFF" is stored in the address set to [Screen Display ON/OFF:(1 Word)]. The screen is displayed when the value is "0h". Values other than "FFFFh" and "0h" are reserved.