

by Schneider Electric

Easy! Smooth! For GP 3000 M Class users Replacement Guidebook

\$1st\$ Edition Apr. 2017 Copyright @ 2012.9 Digital Electronics Corporation. All Rights Reserved.

Introduction

This guidebook introduces the procedures to replace the GP-3000 M Class. First of all, please check the multimedia function and the image unit function you are using.

Functions that need to be checked		Setting items that can be confirmed by GP-Pro EX	Suggested replacement plan
If you	are using the built-in Vic	leo I/F	
	Video / Movie		
	Display Video Camera Output	[System Settings] -> [Video/Movie] (Basic Setting) [Parts (P)] -> [Movie Player Settings]	See Replacement plan B *1
	Recording Video	[System Settings] -> [Video/Movie] (Basic, Save to CF/USB, Record to FTP, Event Recorder)	See
	Playing Movies	[Common Settings (R)] -> [Movie (O)] (Play List) [Parts (P)] -> [Movie Player Settings]	Replacement plan A
	Camera-Viewer EX		
	Display / Record	[System Settings] -> [Display Unit] -> [Remote Viewer] -> [Camera Viewer]	See Replacement plan A
If you	ı are not using the built-ir	n Video I/F	
	Video / Movie	T	
	Recording Video	[System Settings] -> [Video/Movie] (Basic, Save to CF/USB, Record to FTP, Event Recorder)	See
	Playing Movies	[Common Settings (R)] -> [Movie (O)] (Play List) [Parts (P)] -> [Movie Player Settings]	Replacement plan A
	Camera-Viewer EX		
	Display / Record	[System Settings] -> [Display Unit] -> [Remote Viewer] -> [Camera Viewer]	See Replacement plan A
If you	are using the image unit		
	Display Video /Saving Vi	deo (VM Unit)	
	Display Video Camera Output	[System Settings] -> [Image Unit] (VM Unit) [Screen] -> [Screens of Type] (Image Unit Window)	See
	Saving Video Output as Still Images	[System Settings] -> [Image Unit] (VM Unit) [Screen] -> [Screens of Type] (Image Unit Window)	Replacement plan A
	Displaying the Computer	Screen (VM Unit, DVI Unit, RGB Unit)	·
	Displaying the Computer Screen	[System Settings] -> [Image Unit] (*** Unit) [Screen] -> [Screens of Type] (Image Unit Window)	See Replacement plan A

*1 For the GP3750 and GP3360, the video I / F function cannot be replaced. Please refer to the replacement plan A.

• Replacement plan A

If you are not using the multimedia function or if you are using an Image Unit, you can replace the product using the same system configuration.

If you are using the multimedia function (Recording Video, Playing Movie and Camera - Viewer EX), there are some restrictions on function.

The replacement plan is as follows. Please replace it according to the specified replacement Guidebook.

Model in	use / Model No.	Recommended Substitutes / Model No.		Reference to Replacement Guidebook
GP-3750T	AGP3750-T1-AF (PFXGP3750TAA) AGP3750-T1-D24 (PFXGP3750TAD)	SP-5700T	PFXSP5700TPD + PFXSP5B10	See Easy! Smooth! Replacement Guidebook
GP-3750T Coated model	AGP3750-T1-AF-M (PFXGP3750TAAC) AGP3750-T1-D24-M (PFXGP3750TADC)	*1	PFXSP5700TPDF0C + PFXSP5B10F0C	GP-3750T -> SP-5700TP(Premium Display) + SP-5B10(Power Box)
GP-3650U High luminance model	AGP3650-U1-D24 (PFXGP3650UADC)	GP-3600U *2	AGP3600-U1-D24-CA1M (PFXGP3600UADCA)	-
GP-3650T	AGP3650-T1-AF (PFXGP3650TAA)		PFXGP4601TAA	See
GP-3650T	AGP3650-T1-AF-M (PFXGP3650TAAC)	GP-4601T *2	PFXGP4601TAAC	Easy! Smooth! GP3600 Series->GP4600 Series
Coated model	AGP3650-T1-D24-M (PFXGP3650TADC)		PFXGP4601TADC	Replacement Guidebook
GP-3560T	AGP3560-T1-AF (PFXGP3560TAA)	CD FEOOT	PFXSP5500TPD + PFXSP5B10	See Easy! Smooth!
GP-3560T Coated model	AGP3560-T1-AF-M (PFXGP3560TAAC)	*1	PFXSP5500TPDF0C + PFXSP5B10F0C	GP-3500T/GP-3510T Series ->SP-5500TP(Premium Display) + SP-5B10(Power Box)
GP-3550T	AGP3550-T1-AF (PFXGP3550TAA)	GP-4501T	PFXGP4501TAA	See Easy! Smooth!
GP-3550T Coated model	AGP3550-T1-AF-M (PFXGP3550TAAC)	*2	PFXGP4501TAAC	GP4000 Series Replacement Guidebook
GP-3450T	AGP3450-T1-D24 (PFXGP3450TAD)	GP-4401T	PFXGP4401TAD	See
GP-3450T Coated model	AGP3450-T1-D24-M (PFXGP3450TADC)	*2	PFXGP4401TADF0C	GP-3310, GP/ST-3400 Series ->
GP-3360T	AGP3360-T1-D24 (PFXGP3360TAD)	GP-4401T *1	PFXGP4401TAD	Replacement Guidebook

* 1 It does not support Display Video function, Recording Video function and Playing Movies function.

* 2 It does not support Recording Video function and Playing Movie function.

• Replacement plan B

If you are using the multimedia function (Recording Video, Playing Movie and Camera - Viewer EX), there are restrictions on function.

The replacement plan is as follows. Please replace the product according to this document.

Model in use / Model No.		Recommended Substitutes / Model No.		Reference to Replacement Guidebook
GP-3650U High luminance model	AGP3650-U1-D24 (PFXGP3650UADC)	GP3600U + VM unit *2	AGP3600-U1-D24-CA1M (PFXGP3600UADCA) + GP3000-VM01 (PFXZGPEUVM31)	
GP-3650T	AGP3650-T1-AF (PFXGP3650TAA)		AGP3600-T1-AF-D81C (PFXGP3600TAADC)	See
GP-3650T Coated model *1	AGP3650-T1-AF-M (PFXGP3650TAAC)		AGP3600-T1-AF-D81K (PFXGP3600TAADK) + GP3000-VM01 (PFXZGPEUVM31) AGP3600-T1-AF-D81K Chapter 1. Specification Cor 1.1 GP-365 and 3600+VM unit sp	Chapter 1. Specification Comparison 1.1 GP-365 and GP- 3600+VM unit specification
	AGP3650-T1-D24-M (PFXGP3650TADC)	GP3600T + VM unit *2	AGP3600-T1-D24-D81C (PFXGP3600TADDC) AGP3600-T1-D24-D81K (PFXGP3600TADDK) + GP3000-VM01	
GP-3560T	AGP3560-T1-AF (PFXGP3560TAA)		AGP3600-T1-AF-D81C (PFXGP3600TAADC)	See Chapter 1
GP-3560T Coated model *1	AGP3560-T1-AF-M (PFXGP3560TAAC)		AGP3600-T1-AF-D81K (PFXGP3600TAADK) + GP3000-VM01 (PFXZGPEUVM31)	Specification Comparison 1.3 GP-3560 and GP- 3600+VM unit specification comparison
GP-3550T	AGP3550-T1-AF (PFXGP3550TAA)		AGP3500-T1-AF-D81C (PFXGP3500TAADC)	See Chapter 1
GP-3550T Coated model *1	AGP3550-T1-AF-M (PFXGP3550TAAC)	GP35001 + VM unit *2	AGP3500-11-AF-D81K (PFXGP3500TAADK) + GP3000-VM01 (PFXZGPEUVM31)	Specification Comparison 1.2 GP-3550 and GP- 3500+VM unit specification comparison
GP-3450T	AGP3450-T1-D24 (PFXGP3450TAD)		AGP3500-T1-D24-D81C (PFXGP3500TADDC)	See Chaptor 1
GP-3450T Coated model *1	AGP3450-T1-D24-M (PFXGP3450TADC)	GP3500T + VM unit *2	AGP3500-T1-D24-D81K (PFXGP3500TADDK) + GP3000-VM01 (PFXZGPEUVM31)	Specification Comparison 1.4 GP-3450 and GP- 3500+VM unit specification comparison

* 1 The recommended replacement models for the coated models are not coated.

* 2 It does not support Recording Video function and Playing Movie function.

Safety Information

HAZARD OF OPERATOR INJURY, OR UNINTENDED EQUIPMENT DAMAGE Before operating any of these products, be sure to read all related manuals thoroughly. Failure to follow these instructions can result in death, serious injury or unintended equipment damage.

Registered trademarks

Microsoft and Windows are registered trademarks of Microsoft corporation in the United States and/or other countries.

Contents

Introduction	2
Replacement plan A	3
	5
 Replacement plan B 	4
Contents	6
Chapter 1. Specification Comparison	7
1.1 GP-365 and GP-3600+VM unit specification comparison	7
1.2 GP-3550 and GP-3500+VM unit specification comparison	8
1.3 GP-3560 and GP-3600+VM unit specification comparison	9
1.4 GP-3450 and GP-3500+VM unit specification comparison	10
Chapter 2. Hardware Compatibility	11
2.1 Differences in function locations	11
 GP-3650/GP-3550/GP-3560 and GP-3600/GP-3500 + VM uni 	t function
locations	11
♦ GP-3450 and GP-3500 + VM unit function locations	12
2.2 multimedia functions	13
Chapter 3. Replacement of system structures	14
3.1 Work Flow	14
3.2 Change the Display Unit Type	15
3.3 Change The Video / Movie Setting.	16

Chapter 1. Specification Comparison

1.1 GP-365 and GP-3600+VM unit specification comparison

		GP-3650	GP-3600+VM unit	
Di	isplay Type	TFT Co	olor LCD	
Dis	splay Colors	65,536 colors (without blin	k)/16,384 colors (with blink)	
Dispi	ay Resolution	SVGA(800	×600 pixels)	
Panel Cu	utout Dimensions	Panel Thickness:1.6 to	10.0 mm[0.06 to 0.39 in]	
External Dimensions		W313 × H239 × D56mm [W12.32 x H9.41 x D2.20in]	W313 × H239 × D83mm [W12.32 x H9.41 x D3.27in]	
Touc	ch Panel Type	Resistive F	ilm (analog)	
Memory Application SRAM		F FLASH EPROM 10MB / 8MB *1	FLASH EPROM 16MB / 8MB *2	
		SRAM	I 320KB	
Backup Battery		Secondary Battery (Rech	nargeable Lithium battery)	
Input Voltage		AC100 to 2	40V / DC24V	
Serial	COM1	RS-232C/422/485, Connector D-Sub 9-pin plug		
I/F	СОМ2	RS-422/485, Connector D-Sub 9-pin socket		
Et	:hernet I/F	10BASE-T/100BASE-TX		
C	F Card I/F	CF Card Slot (TYPE-II)		
USB	I/F(Type A)	Conforms to USB1.1.(TYPE-A conn.) x 2		
Aux	iliary I/O I/F	Output: Alarm/RUN/Buzzer, Input: Remote Reset, Connector Two piece type terminal block		
Video Input I/F *3		NTSC/PAL Input ,Connector RCA	Non	
Audio Input I/F *3		MIC/LINE Input, Connector MINI-JACK	Non	
Sound Output I/F		Speaker Output, Connector Two piece type terminal block (Same as Auxiliary I/O I/F)		
Expansion Unit I/F (For Video Unit)		-	VM Unit(GP3000-VM01) Video: NTSC/PAL, 4ch, Connector RCA DVI IN: VESA/TMDS, Connector DVI-I29pin socket	

*1 Depending on the GP-Pro EX version, the amount of internal memory will vary. 10MB: GP-Pro EX V2.6 or higher, 8MB: GP-Pro EX V2.5 or lower

*2 Depending on GP revision and the GP-Pro EX version, the amount of internal memory will vary.

16MB: Rev 4 or more and GP-Pro EX V 2.6 or higher, 8MB: Below Rev.4

GP-3550 GP-3500+VM unit **Display** Type TFT Color LCD 65,536 colors (without blink)/16,384 colors (with blink) **Display Colors** VGA(640×480 pixels) **Display Resolution** W259 × H201mm [10.20 x 7.91 in] Panel Thickness:1.6 to 10.0mm[0.06 to 0.39in] **Panel Cutout Dimensions** W270.5 × H212.5 × D57mm | W270.5 × H212.5 × D84mm [W10.65 x H8.37 x D2.24in] | [W10.65 x H8.37 x D3.31in] **External Dimensions** Resistive Film (analog) **Touch Panel Type** FLASH EPROM FLASH EPROM Application 10MB / 8MB *1 16MB / 8MB *2 Memory SRAM 320KB SRAM **Backup Battery** Secondary Battery (Rechargeable Lithium battery) Input Voltage AC100 to 240V RS-232C/422/485, COM1 Connector D-Sub 9-pin plug Serial I/F RS-422/485, COM₂ Connector D-Sub 9-pin socket Ethernet I/F 10BASE-T/100BASE-TX CF Card I/F CF Card Slot (TYPE-II) Conforms to USB1.1.(TYPE-A conn.) x 2 USB I/F(Type A) Output: Alarm/RUN/Buzzer, Input: Remote Reset, Auxiliary I/O I/F Connector Two piece type terminal block NTSC/PAL, Connector RCA Video Input I/F *3 Non MIC/LINE Input, Connector MINI-JACK Audio Input I/F *3 Non Speaker Output, Connector Two piece type terminal block (Same as Auxiliary I/O I/F) Sound Output I/F VM Unit(GP3000-VM01) Video: NTSC/PAL, Connector RCA,4ch Expansion Unit I/F (For Video Unit) DVI IN: VESA/TMDS, Connector DVI-I29pin socket

1.2 GP-3550 and GP-3500+VM unit specification comparison

*1 Depending on the GP-Pro EX version, the amount of internal memory will vary. 10MB: GP-Pro EX V2.6 or higher, 8MB: GP-Pro EX V2.5 or lower

*2 Depending on GP revision and the GP-Pro EX version, the amount of internal memory will vary.

16MB: Rev 4 or more and GP-Pro EX V 2.6 or higher, 8MB: Below Rev.4

		GP-3560	GP-3600+VM unit	
Disp	Іау Туре	TFT Co	lor LCD	
Displ	ay Colors	65,536 colors (without blink	<)/16,384 colors (with blink)	
Display	Resolution	SVGA(800×	600 pixels)	
Panel Cutout Dimensions		W259 × H201mm [10.20 x 7.91 in] Panel Thickness:1.6 to 10.0mm[0.06 to 0.39in]	W301.5 × H227.5mm [11.87 x 8.96 in] Panel Thickness:1.6 to 10.0mm[0.06 to 0.39in]	
External Dimensions		W270.5 × H212.5 × D57mm [W10.65 x H8.37 x D2.24in]	W313 × H239 × D83mm [W12.32 x H9.41 x D3.27in]	
Touch Panel Type		Resistive Fi	lm (analog)	
Memory	Application	FLASH EPROM 10MB / 8MB *1	FLASH EPROM 16MB / 8MB *2	
	SRAM	SRAM	320KB	
Backup Battery		Secondary Battery (Rech	argeable Lithium battery)	
Inpu	t voltage	AC100	to 240V (422/495	
SerialI/F	COM1	Connector D-Sub 9-pin plug		
	COM2	KS-422/485, Connector D-Sub 9-pin socket		
Ethe	rnet I/F	10BASE-T/100BASE-TX		
CF C	Card I/F	CF Card Slot (TYPE-II)		
USB 1/	F(Type A)	Conforms to USB1.1.(TYPE-A conn.) x 2		
Auxilia	ry I/O I/F	Connector Two piece	e type terminal block	
Video I	nput I/F *3	NTSC/PAL, Connector RCA	Non	
Audio I	nput I/F *3	MIC/LINE Input, Connector MINI-JACK	Non	
Sound Output I/F		Speaker Output, Connector Two piece type terminal block (Same as Auxiliary I/O I/F)		
Expansion Unit I/F (For Video Unit)		-	VM Unit(GP3000-VM01) Video: NTSC/PAL, 4ch, Connector RCA DVI IN: VESA/TMDS, Connector DVI-I29pin socket	

1.3 GP-3560 and GP-3600+VM unit specification comparison

*1 Depending on the GP-Pro EX version, the amount of internal memory will vary. 10MB: GP-Pro EX V2.6 or higher, 8MB: GP-Pro EX V2.5 or lower

*2 Depending on GP revision and the GP-Pro EX version, the amount of internal memory will vary. 16MB: Rev 4 or more and GP-Pro EX V 2.6 or higher, 8MB: Below Rev.4

1.4 GP-3450 and GP-3500+VM uni	t specification	comparison
--------------------------------	-----------------	------------

		GP-3450	GP-3500 VM unit
Disp	Іау Туре	TFT Co	blor LCD
Displ	ay Colors	65,536 colors (without blin	k)/16,384 colors (with blink)
Display	Resolution	VGA(640×	(480 pixels)
Panel Cutout Dimensions		w204.5 × H159.5mm[8.05 x 6.28 in] Panel Thickness:1.6 to 10.0mm[0.06 to 0.39in]	W259 × H201mm[10.20 x 7.91 in] Panel Thickness:1.6 to 10.0mm[0.06 to 0.39in]
External Dimensions		W215 × H170 × D60mm [W8.46 x H6.69 x D2.36in]	W270.5 × H212.5 × D84mm [W10.65 x H8.37 x D3.31in]
Touch Panel Type		Resistive F	ilm (analog)
Memory	Application	FLASH EPROM 10MB / 8MB *1	FLASH EPROM 16MB / 8MB *2
-	SRAM	SRAM 320KB	
Backu	ip Battery	Secondary Battery (Rech	argeable Lithium battery)
Input Voltage		DC	24V
Serial I/F	COM1	Connector D-Sub 9-pin plug	
	COM2	RS-422/485, Connector D-Sub 9-pin socket	
Ethe	rnet I/F	10BASE-T/	100BASE-TX
CF C	Card I/F	CF Card Slot (TYPE-II)	
USB 1/	F(Type A)	Conforms to USB1.1.(TYPE-A conn.) x 2	
Auxilia	ry I/O I/F	Speaker Output, Connector Two piece type terminal block (Same as Auxiliary I/O I/F)	
Video I	nput I/F *3	NTSC/PÀL, Connector RCA	Non
Audio Input I/F *3		MIC/LINE Input, Connector MINI-JACK	Non
Sound Output I/F		Speaker Output, Connector Two piece type terminal block (Same as Auxiliary I/O I/F)	
Expansion Unit I/F (For Video Unit)		-	VM Unit(GP3000-VM01) Video: NTSC/PAL, 4ch, Connector RCA DVI IN: VESA/TMDS, Connector DVI-I29pin socket

*1 Depending on the GP-Pro EX version, the amount of internal memory will vary. 10MB: GP-Pro EX V2.6 or higher, 8MB: GP-Pro EX V2.5 or lower *2 Depending on GP revision and the GP-Pro EX version, the amount of internal memory

will vary.

16MB: Rev 4 or more and GP-Pro EX V 2.6 or higher, 8MB: Below Rev.4

Chapter 2. Hardware Compatibility

2.1 Differences in function locations

The locations of the various functions differ on the GP3000 M Class and the GP3000 + VM unit as shown below.

GP-3650/GP-3550/GP-3560 and GP-3600/GP-3500 + VM unit function locations

GP-3650/GP-3550/GP-3560



GP-3600/GP-3500 + VM unit

	GP-3000	
1	Power Input Terminal Block (AC) / Power Connector (DC)	
2	Serial I/F(COM1/COM2)	
3	Ethernet I/F	
4	USB I/F(Type A)	
5	CF Card I/F	
6	Expansion Unit I/F (For Communication Unit)	
7	Auxiliary I/O / Sound Output I/F (AUX)	
8	Expansion Unit I/F (For VM Unit)	
9	Function Expansion Memory I/F	
10	Audio Input I/F	
11	Video Input I/F	
12	DVI-I Output I/F	
13	DVI-I Input I/F	

• GP-3450 and GP-3500 + VM unit function locations



GP-3450

GP-3500 + VM unit

	GP-3000	
1	Power Input Terminal Block (AC) / Power Connector (DC)	
2	Serial I/F(COM1/COM2)	
3	Ethernet I/F	
4	USB I/F(Type A)	
5	CF Card I/F	
6	Expansion Unit I/F (For Communication Unit)	
7	Auxiliary I/O / Sound Output I/F (AUX)	
8	Expansion Unit I/F (For VM Unit)	
9	Function Expansion Memory I/F	
10	Audio Input I/F	
11	Video Input I/F	
12	DVI-I Output I/F	
13	DVI-I Input I/F	

2.2 multimedia functions

There are restrictions on function and compatibility regarding multimedia function. (See the table below) Please be careful.

	Fun	ctions	Compatibility	Invalid Setting / Function
Multin	Multimedia functions			
	Video	/ Movie		
		Display Video Camera Output	Video input: 1 ch only / SECAM cannot be used.	Video / Movie Settings Basic Settings / Extended Video Input Record Size
		Recording Video	It cannot be used.	Image quality for camera Image quality for video Video quality for playing a movie
		Playing Movies	It cannot be used.	Save to CF/OSB Save to FTP Event Recorder Movie Player Settings Basic Settings / Details Playback Method Play List Play Control Word Address Operation Zoom / Move Switch
	Came	ra-Viewer EX		
		Display / Record	It cannot be used.	Remote Viewer Camera Viewer

Chapter 3. Replacement of system structures

3.1 Work Flow



3.2 Change the Display Unit Type

Open the prepared project file (*.prx) of GP-3000 M Class on GP-Pro EX and change the display unit type to the replacement model.

- 1) Open the prepared project file (*.prx) on GP-Pro EX.
- 2) Click [System Settings]->[Display]->[Change Display] in [Project] menu and change the Display Unit type to the replacement model.
- Click [Project]->[Save As] and save the changed project file. Since the hardware is changed, a warning message is displayed, but click "Yes".

GP-Pro EX - C:\Users\digital\Desktop\M_	Class_Sample.prx	_ 0 ×
Project (F) Edit (E) View (V) Comm	non Settings (R) Screen (S) Help (H)	
🔆 Edit 💽 Preview 💽 Simulation 📓	ransfer 🔛 Monitor	
	🖬 🖬 / R X 🗐] N × 157 100% - 🖬 🛃 🛃 🐺 🔃 💕 ∾ 😱 🖧	3 🖏 🐠 🐜 🚲 🛞 🔳 🛃 🕅 🏛 📢 🖻 🔤 🔶
RAI · / NOOO/		
日田四日かの今代世界		
Screen List 4 >	: 🔜 Base 1(無題) 🛛 🔜 System 🖸	😭 Change Display Unit
Screens of Type All	Display	Current Display onte 🔻
Search Method Title	Display Unit Series GP2000 Series	Series GP3000 Series
Refine Search	Model AGP-3650T/U	GP-36** Series
	Orientation Landscape	Orientation Landscape
	Constitutions	Touch Panel Analog
Base Screens	Spreen Size 121 inch	
R0001 (Resolution 800 x 600 pixels (SVGA)	↓↓
	Display Unit TFT Color LCD	New Display
🐝 Window Screens	Display Colors 65,536 Colors	Series GP3000 Series
🐝 Keypad screen	Touch Panel Analog	GP-36** Series
🐝 Image Unit Window screen	Internal Memory 10 MB	AGP-3600T
S Logic Screens	Backup Memory 320 KB	AGP-3650T/U Oneviation AGP-3600T-FN1M
-INIT -919 Tro- INIT (COM1 RS-232C/RS-422(RS-485)	AGP-3600T-081 AGP-3600T-081
69	COM2 RS-422(RS-485)	Touch Analog
-MAIN 	USB(A) 2 Ports	railei
47	USB(mini-B) None	
S Function Block	LAN 1 Ports	Change Cancel
S 10	CF On	
< m >>		Change Delete U
🛗 Addre 🚺 Color 🍰 Projec 🔛 Scree		💿 Prop 🕅 Scre 🔀 Part 🥩 Pa_
Error Check	<u>e</u>	
F1 Manual F2	F3 F4 F5 F6 F7 F8	F9 F10 Menu F11 Full Screen F12 Simulation
		AGP-36507/11

GP-Pro	o EX
2	Hardware features differ between different models. Changing the display unit might require changes to devices/PLCs or peripheral equipment. After you make any changes, confirm each setting. When the touch panel format is different, touch input may not be recognized. Confirm valid operation. Do you want to change the model? Yes (Y) No (N)

3.3 Change The Video / Movie Setting.

When video image is displayed, the difference of the setting contents between GP 3000 M Class and GP 3000 + VM Unit is as follows:



GP 3000 M Class and GP 3000 + VM Unit have different basic configurations, so the setting contents are different.

In order to replace the GP3000 M Class, it is necessary to newly configure the image unit setting.

The following will describe the procedures of configuring the video image display setting of GP3000 + VM unit.

Please refer to the procedures and perform the replacement work.

[Example of setting procedure of image unit]

- Start basic setting of Image Unit Setting.
 From the [Project] menu, point to [System Settings], and click [Image Unit].
- In [Image Unit], verify [VM Unit (3000)] is selected.
 For [Video Control Start Address] select [Disable]. For [Video Input] select [NTSC]. (If the video signal is PAL, select [PAL].)

Image Input Module Settings VM Unit (3000)	1
Video Control Start Address C Disable C Enable [HINTERNAL]LS0020 -	<u>>>Extended</u>
Video Input © NTSC C PAL	

- 3) In the [Screen] menu, select [New Screen]. The [New Screen] dialog box appears.
- For the [Screens of Type] select [Image Unit Window]. Set the [Screen Number] and [Title] then click [New]. (For example, [Screen Number] =1, [Title] = Video)
- 5) The Image Unit Window will appear.



6) Click the display area (blue area), and adjust the size of the border. As necessary, drag the Resize Boundary located at the four corners of the screen to adjust the screen size.



7) Double-click the blue display area. The following dialog box appears. In [Video Layout] click.

Comment	Deplay Snapshot Custom				
	Video Layout	Display Settings			
		Channel	Display Size		
	Spacing Horizontal 0 0 0	Channel0	 Normal 1/4 1/16 		
	Transparency Make transparent selected	cofor Transparer	I Color		
	Make transparent all other of	Colors	Background Touch		

8) In the [Display] area, click one screen mark, and under the [Channel], select the camera image to be displayed in this upper left area (for example, Channel 0).

Also select the size of the image (for example, Nomal)..

<u>Note</u>

- If the selected [Display Size] is larger than the display unit or the blue display area, the entire image will not display. You can use [Video Display position] on the [Custom Settings] tab to specify which part of the input image to be displayed. If you want to display the entire image, set the [Display Size] smaller than the size of the blue display area.
- 9) Click [OK] to finish and exit the [Image Unit Window] settings.
- 10) Click the [Base 1] tab to display the base screen.

On the [Parts (P)] menu, select [Image Unit Display (V)] to place the [Image Unit Display] on the screen.



11) Double-click the [Image Unit Display]. The following dialog box appears.



- 12) In the [Video Layout] list, click [ON/OFF display] and select the video screen number (for example, 1) in the [Video Number].
 - Note

After you set up the Video Screen, the icon appears on the [Image Unit Display]. Click the icon to display the corresponding video screen. This feature is useful for checking or changing the video settings...

13) The basic setting of Image Unit Setting is completed.