

1 | Welcome to GP-Pro EX

This chapter explains about the benefits and the operating environment of GP-Pro EX. Also, you can verify which features each GP model supports.

1.1	What is GP-Pro EX?	1-2
1.2	Model Environment	1-3
1.3	List of Supported Features by Model	1-4

1.1 What is GP-Pro EX?

GP-Pro EX is the screen editing software for the GP. You can use easy operations to edit screens.

- A user-friendly interface reduces screen editing time
You can easily edit screen with the fixed pin feature which avoids careless editing and guideline features.
- An abundance of Image Tools
Use the part images close to the real parts themselves.
- You can display the menu in either English or Japanese.
- High-speed transfer with USB
You can now transfer with USB up to 12 times faster than with our previous products.
- Backup screen data even while the GP is running
Uploading or accessing the CF-card will not move the GP into offline mode.
- Create attractive screens with a wealth of color modes
You can use 65,536 colors for TFT, 4,096 colors for STN, and monochrome 16 levels.
Attach images directly on the screen. Freely scale images to the desired size.
- Use ASCII, Japanese, Taiwanese, Chinese, or Korean
You can use each language's font and input in that language.
- Connect multiple devices/PLCs of different model types
You can communicate with up to 4 different large-type device/PLC models, or up to 2 different medium-type device/PLC models. You can simultaneously handle addresses from different devices/PLCs placed on the same screen.
- Place switches anywhere
The GP uses an analog touch panel, so the switch position is unlimited.
- The GP's offline menu supports both English and Japanese.
- Online updates
You can update software and manuals anytime from the Internet.
- Easily attach addresses with address mapping
You can easily set an address to a part by dragging the address from an address map.

1.2 Model Environment

The explanations of operations and functions in this manual are based on the following system structure.

For other system structures, the display and part names may be different, but the features are the same.

Equipment/Software	Model system's specifications	Notes
OS	Windows®2000	—
Device/PLC	Mitsubishi Electric Q/QnA Serial Communication Series	—
GP	AGP-3500T	—
Computer and GP connection method	USB cable connection	Digital Electronics Corporation USB Transfer Cable (AGP- USBCB-01) - Sold Separately

1.3 List of Supported Features by Model

1.3.1 GP-3300/3400 Series

GP-3300/3400 Series		GP-3302B	GP-3300L	GP-3300S	GP-3300T	GP-3301L	GP-3301S	GP-3400S	GP-3400T	GP-3450T
○: Supported ●: Limited to certain models ×: Not supported										
65,536 Color Display	☞ page 9-33	×	×	×	○	×	×	×	○	○
4,096 Color Display	☞ page 9-33	×	×	○	×	×	○	○	×	×
Monochrome 16 Levels	☞ page 9-33	○	○	×	×	○	×	×	×	×
Support for 256-color color codes	☞ page 9-33	×	×	○	○	×	○	○	○	○
Dark Color Blink	☞ page 6-92	×	×	○	○	×	○	○	○	○
Devices/PLCs can communicate with 4 drivers simultaneously	☞ page 7-3	×	×	×	×	×	×	○	○	○
LAN Connection with External Device	☞ page 7-8	×	○	○	○	×	×	○	○	○
Transfer Settings (Project File LAN Transfer)	☞ page 27-11	×	○	○	○	×	×	○	○	○
Recipe Settings (Filing)	☞ page 25-42	×	○	○	○	○	○	○	○	○
Backup SRAM's CF Save	☞ page 6-105	×	○	○	○	○	○	○	○	○
Edit data in CSV Display	☞ page 25-30	×	○	○	○	○	○	○	○	○
Recipe Settings (Transfer CSV Data)	☞ page 25-9	×	○	○	○	○	○	○	○	○
Sampling (Save in CSV)	☞ page 24-20	×	○	○	○	○	○	○	○	○
Alarm History (CF-Card Save)	☞ page 19-56	×	○	○	○	○	○	○	○	○
Display CF, JPEG files	☞ page 9-62	×	×	○	○	×	○	○	○	○
Scripts (Operate CF File)	☞ page 21-38	×	○	○	○	○	○	○	○	○
File Manager Feature	☞ page 25-86	×	○	○	○	○	○	○	○	○
Screen Capture	☞ page 12-18	×	○	○	○	○	○	○	○	○
CF-Card Tool Feature	☞ page 27-27	×	○	○	○	● *2	● *2	○	○	○
AUX	☞ page 26-10	×	×	×	×	×	×	○	○	○
Sound Output Feature	☞ page 26-3	×	×	×	×	×	×	○	○	○
User Screen Area 8Mbytes	☞ page 4-3	×	×	×	×	×	×	○	○	○

*1 Medium-type models (GP 330x Series) can communicate with up to 2 drivers simultaneously.

*2 Only USB connections supported.

*3 The User Screen Area is 6Mbytes.

1.3.2 GP-3500/3600/3700 Series

○: Supported ●: Limited to certain models ×: Not supported GP-3500/3600/3700 Series		GP-3500L	GP-3500S	GP-3500T	GP-3600T	GP-3550T	GP-3650T	GP-3750T
		65,536 Color Display	☞ page 9-33	×	×	○	○	○
4,096 Color Display	☞ page 9-33	×	○	×	×	×	×	×
Monochrome 16 Levels	☞ page 9-33	○	×	×	×	×	×	×
Support for 256-color color codes	☞ page 9-33	×	○	○	○	○	○	○
Dark Color Blink	☞ page 6-92	×	○	○	○	○	○	○
Devices/PLCs can communicate with 4 drivers simultaneously	☞ page 7-3	○	○	○	○	○	○	○
LAN Connection with External Device	☞ page 7-8	○	○	○	○	○	○	○
Transfer Settings (Project File LAN Transfer)	☞ page 27-11	○	○	○	○	○	○	○
Recipe Settings (Filing)	☞ page 25-42	○	○	○	○	○	○	○
Backup SRAM's CF Save	☞ page 6-105	○	○	○	○	○	○	○
Edit data in CSV Display	☞ page 25-30	○	○	○	○	○	○	○
Recipe Settings (Transfer CSV Data)	☞ page 25-9	○	○	○	○	○	○	○
Sampling (Save in CSV)	☞ page 24-20	○	○	○	○	○	○	○
Alarm History (CF-Card Save)	☞ page 19-56	○	○	○	○	○	○	○
Display CF, JPEG files	☞ page 9-62	×	○	○	○	○	○	○
Scripts (Operate CF File)	☞ page 21-38	○	○	○	○	○	○	○
File Manager Feature	☞ page 25-86	○	○	○	○	○	○	○
Screen Capture	☞ page 12-18	○	○	○	○	○	○	○
CF-Card Tool Feature	☞ page 27-27	○	○	○	○	○	○	○
AUX	☞ page 26-10	○	○	○	○	○	○	○
Sound Output Feature	☞ page 26-3	○	○	○	○	○	○	○
User Screen Area 8Mbytes	☞ page 4-3	○	○	○	○	○	○	○

Memo