

# 1 Welcome to GP-Pro EX

This manual explains the features of GP-Pro EX, the available functions supported by each display model, and the model environment of the manual.

|     |  |     |
|-----|--|-----|
| 1.1 | About GP-Pro EX .....                      | 1-2 |
| 1.2 | Model Environment .....                    | 1-4 |
| 1.3 | List of Supported Functions by Device..... | 1-5 |

## 1.1 About GP-Pro EX

GP-Pro EX is screen editing software designed for Digital Electronics Corporation Programmable Displays. You can edit screens with easy operations.

### 1.1.1 Features

- The convenient features help you reduce drawing steps  
Many features enable you to draw and edit easily. For example, Fixing Pin Function ensures smoother editing by fixing object(s) to the background, and Guideline Display helps you adjust the positions of parts you have already placed on the screen.
- A wide variety of attractive image parts and attractive fonts help you create easy-to-understand screens  
Many high quality image parts that look similar to real parts are available.
- A clear, easy-to-view display  
The high-quality screen offers excellent visibility. With TFT Color LCD : 65536 Colors standard, STN Color LCD : 4096 Colors standard, and with Monochrome LCD : 16 shades of gray. The subtle colors of JPEG and BMP files are clearly displayed on TFT Color models.
- Japanese/English Menu Language  
The software menu language can be toggled easily between Japanese and English to accommodate operator preference.
- Multiple languages can be displayed on the screen at once  
Available languages include Japanese, ASCII supported languages, Simplified and Traditional Chinese, Korean, Cyrillic Alphabet and Thai. You can also switch languages during operation.
- Multiple device/PLC can be connected  
You can communicate with up to four different types of device/PLC. Different device/PLC addresses can be used on the same screen.
- Address Mapping  
Address settings on parts can be done easily with a simple drag and drop operation.
- Developing Logic Program  
You can create Logic Program to control external devices directly from the display. Variables created for the Logic Program are unified, so you can create a program easily using both logic screens and drawing screens.
- Easy On-line Update  
An online update service is available. You can download and update your software and manual to maintain the latest version.

### 1.1.2 Major features added to GP-Pro EX Version 2.0

Below explains the new features added to GP-Pro EX Version 2.0:

- More models supported  
In addition to GP3000 Series units, we now support some types of LT3000 Series and IPC Series units. You can use IPC Series units just like GP units.
- Simulation on your computer display  
You can run a simulation on your computer display to make sure it works as you intended before transferring the data to the display.
- Searching parts from Comment, Label/Text  
Find and replace parts searched from among all parts.
- Display and operate the computer display on the working display  
You can view the computer display on the working display to use the touch-operating RPA Function
- Save data on a USB storage device  
Now your data can be stored on an external memory for models that do not support CF Card I/F. You can also transfer projects using a USB storage device.
- Easiest ever selection of part shape and placement  
Drag and drop operations enable you to easily select and place image parts available in the Parts Tool Box.
- You can edit the Logic Program during operation
- Check device/PLC data in a list  
You can view a list of the current device/PLC values on the display and change the values.

## 1.2 Model Environment

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

Your system structure may be different, with different displays and part names, but the main feature remains the same.

### Standard Structure

| Equipment/Software                                  | Model/Type   | Notes   |
|---|--|---|
| Operating System                                    | Windows® 2000  | —   |
| Device/PLC  | Mitsubishi Electric Q/QnA<br>Serial Communication Series | —   |
| Display   | AGP-3500T  | Video/Movie feature uses<br>AGP-3550T as a model system<br>and Logic Program feature uses<br>GP-3500T-FN1M. |
| Connection Method of<br>the computer and<br>display | USB cable connection                                     | Digital Electronics Corporation<br>USB Transfer Cable (AGP-<br>USBCB-01) - Sold Separately                  |

## 1.3 List of Supported Functions by Device

### 1.3.1 GP-3200 Series

|  |              |                 |                 |
|--|--------------|-----------------|-----------------|
| ○: Supported<br>●: Limited to certain models<br>×: Not supported |              |                 |                 |
| GP-3200 Series   |              | AGP-3200T       | AGP-3200A       |
| Drawing with 256 Colors <sup>*1</sup>                            | ☞ page 9-34  | ○               | ×               |
| Dark Color Blink   | ☞ page 5-112 | ○               | ×               |
| Simultaneous communication with multiple devices/PLCs            | ☞ page 7-3   | ○ <sup>*2</sup> | ○ <sup>*2</sup> |
| LAN Connection   | ☞ page 7-7   | ○               | ○               |
| Modem Transfer   | ☞ page 33-49 | ○               | ○               |
| SIO Transfer (COM Connection)                                    | ☞ page 33-62 | ○               | ○               |
| CF Card Connect Function for Transfer Tool                       | ☞ page 33-28 | ×               | ×               |
| CF Memory Loader Tool  | ☞ page 33-36 | ×               | ×               |
| USB Memory Loader Tool Function                                  | ☞ page 33-36 | ○               | ○               |
| Backup SRAM's CF Save  | ☞ page 5-127 | ×               | ×               |
| Alarm History (CSV save)   | ☞ page 19-54 | ○ <sup>*3</sup> | ○ <sup>*3</sup> |
| Sampling Data (CSV Save)   | ☞ page 24-20 | ○ <sup>*3</sup> | ○ <sup>*3</sup> |
| Recipe Transfer (Transfer CSV Data)                              | ☞ page 25-9  | ○ <sup>*3</sup> | ○ <sup>*3</sup> |
| Edit data in CSV Display   | ☞ page 25-30 | ○ <sup>*3</sup> | ○ <sup>*3</sup> |
| Filing Data Save   | ☞ page 25-42 | ○ <sup>*3</sup> | ○ <sup>*3</sup> |
| File Manager Feature   | ☞ page 25-86 | ○ <sup>*3</sup> | ○ <sup>*3</sup> |
| Display JPEG Files on CF Card                                    | ☞ page 9-63  | ×               | ×               |
| Screen Capture   | ☞ page 12-17 | ×               | ×               |
| Script (Operate CF File)   | ☞ page 21-35 | ×               | ×               |
| AUX  | ☞ page 26-10 | ×               | ×               |
| Sound Output Feature   | ☞ page 26-3  | ×               | ×               |
| Record/Play Movies   | ☞ page 27-12 | ×               | ×               |
| Video Module   | ☞ page 27-50 | ×               | ×               |
| Logic Programing   | ☞ page 29-3  | ×               | ×               |
| Variables Settings   | ☞ page 29-39 | ○ <sup>*4</sup> | ○ <sup>*4</sup> |
| Variables Holding Function                                       | ☞ page 29-75 | ×               | ×               |
| I/O Driver Settings  | ☞ page 31-5  | ×               | ×               |
| RPA Function   | ☞ page 36-2  | ×               | ×               |
| Device monitor <sup>*5</sup>                                     | ☞ page A-41  | ○               | ○               |
| Ladder monitor <sup>*5</sup>                                     | ☞ page A-41  | ×               | ×               |
| Reverse Display  | ☞ page 5-112 | ×               | ○               |
| Change Backlight Color   | ☞ page 5-154 | ×               | ○               |
| Expired backlight detected                                       | ☞ page 5-113 | ×               | ×               |
| Cross Cursor Display   | —            | ○               | ○               |
| Portrait Orientation   | ☞ page 5-77  | ○               | ○               |
| User Screen Area 8 MB  | ☞ page 6-5   | ×               | ×               |

<sup>\*1</sup> Please refer to the Hardware Manual or “9.5.1 Setting Colors” (page 9-34) for display color.

<sup>\*2</sup> Up to two Drivers can be connected simultaneously.

<sup>\*3</sup> Possible using a USB storage device. A CF Card cannot be used.

<sup>\*4</sup> Variables can be set up to 1000 pts.

<sup>\*5</sup> Depends on the device/PLC settings.

<sup>\*6</sup> User screen area is 6 MB.

### 1.3.2 GP-3300 Series

|   |              |           |           |           |           |               |                |           |               |           |               |                |  |
|---|--------------|-----------|-----------|-----------|-----------|---------------|----------------|-----------|---------------|-----------|---------------|----------------|--|
| ○: Supported  |              |           |           |           |           |               |                |           |               |           |               |                |  |
| ●: Limited to certain models                          |              |           |           |           |           |               |                |           |               |           |               |                |  |
| ×: Not supported                                      |              |           |           |           |           |               |                |           |               |           |               |                |  |
| GP-3300 Series  |              | AGP-3302B | AGP-3301L | AGP-3301S | AGP-3300L | AGP-3300L-D81 | AGP-3300L-FN1M | AGP-3300S | AGP-3300S-D81 | AGP-3300T | AGP-3300T-D81 | AGP-3300T-FN1M |  |
| Drawing with 256 Colors*1                             | 🔗 page 9-34  | ×         | ×         | ○         | ×         | ×             | ×              | ○         | ○             | ○         | ○             | ○              |  |
| Dark Color Blink                                      | 🔗 page 5-112 | ×         | ×         | ○         | ×         | ×             | ×              | ○         | ○             | ○         | ○             | ○              |  |
| Simultaneous communication with multiple devices/PLCs | 🔗 page 7-3   | ○*2       | ○*2       | ○*2       | ○*2       | ○*2           | ○*2            | ○*2       | ○*2           | ○*2       | ○*2           | ○*2            |  |
| LAN Connection  | 🔗 page 7-7   | ×         | ×         | ×         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Modem Transfer  | 🔗 page 33-49 | ○         | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| SIO Transfer (COM Connection)                         | 🔗 page 33-62 | ○         | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| CF Card Connect Function for Transfer Tool            | 🔗 page 33-28 | ×         | ○*3       | ○*3       | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| CF Memory Loader Tool                                 | 🔗 page 33-36 | ×         | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| USB Memory Loader Tool Function                       | 🔗 page 33-36 | ○         | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Backup SRAM's CF Save                                 | 🔗 page 5-127 | ×         | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Alarm History (CSV save)                              | 🔗 page 19-54 | ○*4       | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Sampling Data (CSV Save)                              | 🔗 page 24-20 | ○*4       | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Recipe Transfer (Transfer CSV Data)                   | 🔗 page 25-9  | ○*4       | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Edit data in CSV Display                              | 🔗 page 25-30 | ○*4       | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Filing Data Save                                      | 🔗 page 25-42 | ○*4       | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| File Manager Feature                                  | 🔗 page 25-86 | ○*4       | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Display JPEG Files on CF Card                         | 🔗 page 9-63  | ×         | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Screen Capture  | 🔗 page 12-17 | ×         | ○*5       | ○*5       | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Script (Operate CF File)                              | 🔗 page 21-35 | ×         | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| AUX   | 🔗 page 26-10 | ×         | ×         | ×         | ×         | ×             | ×              | ×         | ×             | ×         | ×             | ×              |  |
| Sound Output Feature                                  | 🔗 page 26-3  | ×         | ×         | ×         | ×         | ×             | ×              | ×         | ×             | ×         | ×             | ×              |  |
| Record/Play Movies                                    | 🔗 page 27-12 | ×         | ×         | ×         | ×         | ×             | ×              | ×         | ×             | ×         | ×             | ×              |  |
| Video Module  | 🔗 page 27-50 | ×         | ×         | ×         | ×         | ×             | ×              | ×         | ×             | ×         | ×             | ×              |  |
| Logic Programing                                      | 🔗 page 29-3  | ×         | ×         | ×         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Variables Settings                                    | 🔗 page 29-39 | ○*6       | ○*6       | ○*6       | ○*6       | ○*6           | ○*6            | ○*6       | ○*6           | ○*6       | ○*6           | ○*6            |  |
| Variables Holding Function                            | 🔗 page 29-75 | ×         | ×         | ×         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| I/O Driver Settings                                   | 🔗 page 31-5  | ×         | ×         | ×         | ×         | ○             | ○              | ×         | ○             | ×         | ○             | ○              |  |
| RPA Function  | 🔗 page 36-2  | ×         | ×         | ×         | ×         | ×             | ×              | ×         | ×             | ×         | ×             | ×              |  |
| Device monitor*7                                      | 🔗 page A-41  | ○         | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Ladder monitor*7                                      | 🔗 page A-41  | ×         | ×         | ×         | ×         | ×             | ×              | ×         | ×             | ×         | ×             | ×              |  |
| Reverse Display                                       | 🔗 page 5-112 | ○         | ○         | ×         | ○         | ○             | ○              | ×         | ×             | ×         | ×             | ×              |  |
| Change Backlight Color                                | 🔗 page 5-154 | ×         | ×         | ×         | ×         | ×             | ×              | ×         | ×             | ×         | ×             | ×              |  |
| Expired backlight detected                            | 🔗 page 5-113 | ○         | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| Cross Cursor Display                                  | —            | ×         | ×         | ×         | ×         | ×             | ×              | ×         | ×             | ×         | ×             | ×              |  |
| Portrait Orientation                                  | 🔗 page 5-77  | ○         | ○         | ○         | ○         | ○             | ○              | ○         | ○             | ○         | ○             | ○              |  |
| User Screen Area 8 MB                                 | 🔗 page 6-5   | ×         | ×         | ×         | ×         | ×             | ×              | ×         | ×             | ×         | ×             | ×              |  |

\*1 Please refer to the Hardware Manual or “9.5.1 Setting Colors” (page 9-34) for display color.

\*2 Up to two drivers can be connected simultaneously.

\*3 Supported only when connected by USB transfer cable.

\*4 Possible using a USB storage device. A CF Card cannot be used.

\*5 Screen Captures to FTP server is not available

\*6 Variables can be set up to 6000 pts.

\*7 Depends on device/PLC settings.

\*8 User Screen Area is 6 MB.

### 1.3.3 GP-3400 Series

|  |              |     |           |               |           |               |                |
|--|--------------|-----|-----------|---------------|-----------|---------------|----------------|
| ○: Supported<br>●: Limited to certain models<br>×: Not supported |              |     |           |               |           |               |                |
| GP-3400 Series   |              |     | AGP-3400S | AGP-3400S-D81 | AGP-3400T | AGP-3400T-D81 | AGP-3400T-FN1M |
| Drawing with 256 Colors*1  | ☞ page 9-34  | ○   | ○         | ○             | ○         | ○             | ○              |
| Dark Color Blink   | ☞ page 5-112 | ○   | ○         | ○             | ○         | ○             | ○              |
| Simultaneous communication with multiple devices/PLCs            | ☞ page 7-3   | ○*2 | ○*2       | ○*2           | ○*2       | ○*2           | ○*2            |
| LAN Connection   | ☞ page 7-7   | ○   | ○         | ○             | ○         | ○             | ○              |
| Modem Transfer   | ☞ page 33-49 | ○   | ○         | ○             | ○         | ○             | ○              |
| SIO Transfer (COM Connection)                                    | ☞ page 33-62 | ○   | ○         | ○             | ○         | ○             | ○              |
| CF Card Connect Function for Transfer Tool                       | ☞ page 33-28 | ○   | ○         | ○             | ○         | ○             | ○              |
| CF Memory Loader Tool  | ☞ page 33-36 | ○   | ○         | ○             | ○         | ○             | ○              |
| USB Memory Loader Tool Function                                  | ☞ page 33-36 | ○   | ○         | ○             | ○         | ○             | ○              |
| Backup SRAM's CF Save  | ☞ page 5-127 | ○   | ○         | ○             | ○         | ○             | ○              |
| Alarm History (CSV save)   | ☞ page 19-54 | ○   | ○         | ○             | ○         | ○             | ○              |
| Sampling Data (CSV Save)   | ☞ page 24-20 | ○   | ○         | ○             | ○         | ○             | ○              |
| Recipe Transfer (Transfer CSV Data)                              | ☞ page 25-9  | ○   | ○         | ○             | ○         | ○             | ○              |
| Edit data in CSV Display   | ☞ page 25-30 | ○   | ○         | ○             | ○         | ○             | ○              |
| Filing Data Save   | ☞ page 25-42 | ○   | ○         | ○             | ○         | ○             | ○              |
| File Manager Feature   | ☞ page 25-86 | ○   | ○         | ○             | ○         | ○             | ○              |
| Display JPEG Files on CF Card                                    | ☞ page 9-63  | ○   | ○         | ○             | ○         | ○             | ○              |
| Screen Capture   | ☞ page 12-17 | ○   | ○         | ○             | ○         | ○             | ○              |
| Script (Operate CF File)   | ☞ page 21-35 | ○   | ○         | ○             | ○         | ○             | ○              |
| AUX  | ☞ page 26-10 | ○   | ○         | ○             | ○         | ○             | ○              |
| Sound Output Feature   | ☞ page 26-3  | ○   | ○         | ○             | ○         | ○             | ○              |
| Record/Play Movies   | ☞ page 27-12 | ×   | ×         | ×             | ×         | ×             | ○              |
| Video Module   | ☞ page 27-50 | ×   | ×         | ×             | ×         | ×             | ×              |
| Logic Programing   | ☞ page 29-3  | ○   | ○         | ○             | ○         | ○             | ○              |
| Variables Settings   | ☞ page 29-39 | ○*3 | ○*3       | ○*3           | ○*3       | ○*3           | ○*3            |
| Variables Holding Function                                       | ☞ page 29-75 | ○   | ○         | ○             | ○         | ○             | ○              |
| I/O Driver Settings  | ☞ page 31-5  | ×   | ○         | ×             | ○         | ○             | ×              |
| RPA Function   | ☞ page 36-2  | ×   | ×         | ○             | ○         | ○             | ○              |
| Device monitor*4   | ☞ page A-41  | ○   | ○         | ○             | ○         | ○             | ○              |
| Ladder monitor*4   | ☞ page A-41  | ○   | ○         | ○             | ○         | ○             | ○              |
| Reverse Display  | ☞ page 5-112 | ×   | ×         | ×             | ×         | ×             | ×              |
| Change Backlight Color   | ☞ page 5-154 | ×   | ×         | ×             | ×         | ×             | ×              |
| Expired backlight detected                                       | ☞ page 5-113 | ○   | ○         | ○             | ○         | ○             | ○              |
| Cross Cursor Display   | —            | ×   | ×         | ×             | ×         | ×             | ×              |
| Portrait Orientation   | ☞ page 5-77  | ○   | ○         | ○             | ○         | ○             | ○              |
| User Screen Area 8 MB  | ☞ page 6-5   | ○   | ○         | ○             | ○         | ○             | ○              |




































\*1 Please refer to the Hardware Manual or “9.5.1 Setting Colors” (page 9-34) for display color.

\*2 Up to four drivers can be connected simultaneously.

\*3 Variables can be set up to 6000 pts.

\*4 Depends on device/PLC settings.

### 1.3.4 GP-3500 Series

|   |  |     |           |               |           |               |           |               |                |           |           |           |
|---|--|-----|-----------|---------------|-----------|---------------|-----------|---------------|----------------|-----------|-----------|-----------|
| ○: Supported  |  |     |           |               |           |               |           |               |                |           |           |           |
| ●: Limited to certain models                          |  |     |           |               |           |               |           |               |                |           |           |           |
| ×: Not supported                                      |  |     |           |               |           |               |           |               |                |           |           |           |
| GP-3500 Series  |  |     | AGP-3500L | AGP-3500L-D81 | AGP-3500S | AGP-3500S-D81 | AGP-3500T | AGP-3500T-D81 | AGP-3500T-FN1M | AGP-3510T | AGP-3550T | AGP-3560T |
| Drawing with 256 Colors*1                             |  page 9-34    | ×   | ×         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Dark Color Blink                                      |  page 5-112   | ×   | ×         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Simultaneous communication with multiple devices/PLCs |  page 7-3     | ○*2 | ○*2       | ○*2           | ○*2       | ○*2           | ○*2       | ○*2           | ○*2            | ○*2       | ○*2       | ○*2       |
| LAN Connection  |  page 7-7     | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Modem Transfer  |  page 33-49   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| SIO Transfer (COM Connection)                         |  page 33-62   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| CF Card Connect Function for Transfer Tool            |  page 33-28   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| CF Memory Loader Tool                                 |  page 33-36   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| USB Memory Loader Tool Function                       |  page 33-36   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Backup SRAM's CF Save                                 |  page 5-127   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Alarm History (CSV save)                              |  page 19-54   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Sampling Data (CSV Save)                              |  page 24-20   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Recipe Transfer (Transfer CSV Data)                   |  page 25-9    | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Edit data in CSV Display                              |  page 25-30   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Filing Data Save                                      |  page 25-42   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| File Manager Feature                                  |  page 25-86   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Display JPEG Files on CF Card                         |  page 9-63    | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Screen Capture  |  page 12-17   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Script (Operate CF File)                              |  page 21-35   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| AUX   |  page 26-10  | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Sound Output Feature                                  |  page 26-3  | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Record/Play Movies                                    |  page 27-12 | ×   | ×         | ×             | ×         | ×             | ×         | ×             | ×              | ○         | ○         | ○         |
| Video Module  |  page 27-50 | ×   | ×         | ×             | ×         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Logic Programing                                      |  page 29-3  | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Variables Settings                                    |  page 29-39 | ○*3 | ○*3       | ○*3           | ○*3       | ○*3           | ○*3       | ○*3           | ○*3            | ○*3       | ○*3       | ○*3       |
| Variables Holding Function                            |  page 29-75 | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| I/O Driver Settings                                   |  page 31-5  | ×   | ○         | ×             | ○         | ×             | ○         | ○             | ×              | ×         | ×         | ×         |
| RPA Function  |  page 36-2  | ×   | ×         | ×             | ×         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Device monitor*4                                      |  page A-41  | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Ladder monitor*4                                      |  page A-41  | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Reverse Display                                       |  page 5-112 | ○   | ○         | ×             | ×         | ×             | ×         | ×             | ×              | ×         | ×         | ×         |
| Change Backlight Color                                |  page 5-154 | ×   | ×         | ×             | ×         | ×             | ×         | ×             | ×              | ×         | ×         | ×         |
| Expired backlight detected                            |  page 5-113 | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| Cross Cursor Display                                  | —  | ×   | ×         | ×             | ×         | ×             | ×         | ×             | ×              | ×         | ×         | ×         |
| Portrait Orientation                                  |  page 5-77  | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |
| User Screen Area 8 MB                                 |  page 6-5   | ○   | ○         | ○             | ○         | ○             | ○         | ○             | ○              | ○         | ○         | ○         |

\*1 Please refer to the Hardware Manual or see “9.5.1 Setting Colors” (page 9-34) for display color information.

\*2 Up to four drivers can be connected simultaneously.

\*3 Variables can be set up to 6000 pts.

\*4 Depends on device/PLC settings.



### 1.3.5 GP-3600/3700 Series

|  |              |     |           |               |                |           |
|--|--------------|-----|-----------|---------------|----------------|-----------|
| ○: Supported<br>●: Limited to certain models<br>×: Not supported |              |     |           |               |                |           |
| GP-3500 Series   |              |     | AGP-3600T | AGP-3600T-D81 | AGP-3600T-FN1M | AGP-3650T |
| Drawing with 256 Colors*1  | ☞ page 9-34  | ○   | ○         | ○             | ○              | ○         |
| Dark Color Blink   | ☞ page 5-112 | ○   | ○         | ○             | ○              | ○         |
| Simultaneous communication with multiple devices/PLCs            | ☞ page 7-3   | ○*2 | ○*2       | ○*2           | ○*2            | ○*2       |
| LAN Connection   | ☞ page 7-7   | ○   | ○         | ○             | ○              | ○         |
| Modem Transfer   | ☞ page 33-49 | ○   | ○         | ○             | ○              | ○         |
| SIO Transfer (COM Connection)                                    | ☞ page 33-62 | ○   | ○         | ○             | ○              | ○         |
| CF Card Connect Function for Transfer Tool                       | ☞ page 33-28 | ○   | ○         | ○             | ○              | ○         |
| CF Memory Loader Tool  | ☞ page 33-36 | ○   | ○         | ○             | ○              | ○         |
| USB Memory Loader Tool Function                                  | ☞ page 33-36 | ○   | ○         | ○             | ○              | ○         |
| Backup SRAM's CF Save  | ☞ page 5-127 | ○   | ○         | ○             | ○              | ○         |
| Alarm History (CSV save)   | ☞ page 19-54 | ○   | ○         | ○             | ○              | ○         |
| Sampling Data (CSV Save)   | ☞ page 24-20 | ○   | ○         | ○             | ○              | ○         |
| Recipe Transfer (Transfer CSV Data)                              | ☞ page 25-9  | ○   | ○         | ○             | ○              | ○         |
| Edit data in CSV Display   | ☞ page 25-30 | ○   | ○         | ○             | ○              | ○         |
| Filing Data Save   | ☞ page 25-42 | ○   | ○         | ○             | ○              | ○         |
| File Manager Feature   | ☞ page 25-86 | ○   | ○         | ○             | ○              | ○         |
| Display JPEG Files on CF Card                                    | ☞ page 9-63  | ○   | ○         | ○             | ○              | ○         |
| Screen Capture   | ☞ page 12-17 | ○   | ○         | ○             | ○              | ○         |
| Script (Operate CF File)   | ☞ page 21-35 | ○   | ○         | ○             | ○              | ○         |
| AUX  | ☞ page 26-10 | ○   | ○         | ○             | ○              | ○         |
| Sound Output Feature   | ☞ page 26-3  | ○   | ○         | ○             | ○              | ○         |
| Record/Play Movies   | ☞ page 27-12 | ×   | ×         | ×             | ○              | ○         |
| Video Module   | ☞ page 27-50 | ○   | ○         | ○             | ○              | ×         |
| Logic Programing   | ☞ page 29-3  | ○   | ○         | ○             | ○              | ○         |
| Variables Settings   | ☞ page 29-39 | ○*3 | ○*3       | ○*3           | ○*3            | ○*3       |
| Variables Holding Function                                       | ☞ page 29-75 | ○   | ○         | ○             | ○              | ○         |
| I/O Driver Settings  | ☞ page 31-5  | ×   | ○         | ○             | ×              | ×         |
| Remote PC Access Function  | ☞ page 36-2  | ○   | ○         | ○             | ○              | ○         |
| Device monitor*4   | ☞ page A-41  | ○   | ○         | ○             | ○              | ○         |
| Ladder monitor*4   | ☞ page A-41  | ○   | ○         | ○             | ○              | ○         |
| Reverse Display  | ☞ page 5-112 | ×   | ×         | ×             | ×              | ×         |
| Change Backlight Color   | ☞ page 5-154 | ×   | ×         | ×             | ×              | ×         |
| Expired backlight detected                                       | ☞ page 5-113 | ○   | ○         | ○             | ○              | ○         |
| Cross Cursor Display   | —            | ×   | ×         | ×             | ×              | ×         |
| Portrait Orientation   | ☞ page 5-77  | ○   | ○         | ○             | ○              | ○         |
| User Screen Area 8 MB  | ☞ page 6-5   | ○   | ○         | ○             | ○              | ○         |




































\*1 Please refer to the Hardware Manual or see “9.5.1 Setting Colors” (page 9-34) for display color information.

\*2 Up to four drivers can be connected simultaneously.

\*3 Variables can be set up to 6000 pts.

\*4 Depends on device/PLC settings.

### 1.3.6 LT3000 Series

|  |  |                 |
|--|--|-----------------|
| ○: Supported<br>●: Limited to certain models<br>×: Not supported |  | LT3201-A        |
| LT3000Series   |  |                 |
| Drawing with 256 Colors <sup>*1</sup>                            |  page 9-34    | ×               |
| Dark Color Blink   |  page 5-112   | ×               |
| Simultaneous communication with multiple devices/PLCs            |  page 7-3     | ×               |
| LAN Connection   |  page 7-7     | ×               |
| Modem Transfer   |  page 33-49   | ○               |
| SIO Transfer (COM Connection)                                    |  page 33-62   | ○               |
| CF Card Connect Function for Transfer Tool                       |  page 33-28   | ×               |
| CF Memory Loader Tool  |  page 33-36   | ×               |
| USB Memory Loader Tool Function                                  |  page 33-36   | ○               |
| Backup SRAM's CF Save  |  page 5-127   | ×               |
| Alarm History (CSV save)   |  page 19-54   | ○ <sup>*2</sup> |
| Sampling Data (CSV Save)   |  page 24-20   | ○ <sup>*2</sup> |
| Recipe Transfer (Transfer CSV Data)                              |  page 25-9    | ○ <sup>*2</sup> |
| Edit data in CSV Display   |  page 25-30   | ○ <sup>*2</sup> |
| Filing Data Save   |  page 25-42   | ○ <sup>*2</sup> |
| File Manager Feature   |  page 25-86   | ○ <sup>*2</sup> |
| Display JPEG Files on CF Card                                    |  page 9-63    | ×               |
| Screen Capture   |  page 12-17   | ×               |
| Script (Operate CF File)   |  page 21-35  | ×               |
| AUX  |  page 26-10 | ×               |
| Sound Output Feature   |  page 26-3  | ×               |
| Record/Play Movies   |  page 27-12 | ×               |
| Video Module   |  page 27-50 | ×               |
| Logic Programing   |  page 29-3  | ○               |
| Variables Settings   |  page 29-39 | ○               |
| Variables Holding Function                                       |  page 29-75 | ○               |
| I/O Driver Settings  |  page 31-5  | ×               |
| RPA Function   |  page 36-2  | ×               |
| Device monitor <sup>*3</sup>                                     |  page A-41  | ×               |
| Ladder monitor <sup>*3</sup>                                     |  page A-41  | ×               |
| Reverse Display  |  page 5-112 | ○               |
| Change Backlight Color   |  page 5-154 | ○               |
| Expired backlight detected                                       |  page 5-113 | ×               |
| Cross Cursor Display   | —  | ×               |
| Portrait Orientation   |  page 5-77  | ×               |
| User Screen Area 8 MB  |  page 6-5   | × <sup>*4</sup> |




































\*1 Please see the Hardware Manual or “9.5.1 Setting Colors” (page 9-34) for display information.

\*2 Possible using a USB storage device. A CF Card cannot be used.

\*3 Depends on the device/PLC settings.

\*4 User Screen Area is 6MB.

### 1.3.7 IPC Series

|   |  |          |          |          |          |
|---|--|----------|----------|----------|----------|
| ○: Supported  |  | PS-3651A | PS-3650A | PS-3700A | PS-2000B |
| ●: Limited to certain models                          |  |          |          |          |          |
| ×: Not supported                                      |  |          |          |          |          |
| IPC Series  |  |          |          |          |          |
| Drawing with 256 Colors*1                             |  page 9-34    | ○        | ○        | ○        | ○        |
| Dark Color Blink                                      |  page 5-112   | ○        | ○        | ○        | ○        |
| Simultaneous communication with multiple devices/PLCs |  page 7-3     | ○*2      | ○*2      | ○*2      | ○*2      |
| LAN Connection  |  page 7-7     | ○        | ○        | ○        | ○        |
| Modem Transfer  |  page 33-49   | ×        | ×        | ×        | ×        |
| SIO Transfer (COM Connection)                         |  page 33-62   | ×        | ×        | ×        | ×        |
| CF Card Connect Function for Transfer Tool            |  page 33-28   | ○        | ○        | ○        | ○        |
| CF Memory Loader Tool                                 |  page 33-36   | ×        | ×        | ×        | ×        |
| USB Memory Loader Tool Function                       |  page 33-36   | ×        | ×        | ×        | ×        |
| Backup SRAM's CF Save                                 |  page 5-127   | ○        | ○        | ○        | ○        |
| Alarm History (CSV save)                              |  page 19-54   | ○        | ○        | ○        | ○        |
| Sampling Data (CSV Save)                              |  page 24-20   | ○        | ○        | ○        | ○        |
| Recipe Transfer (Transfer CSV Data)                   |  page 25-9    | ○        | ○        | ○        | ○        |
| Edit data in CSV Display                              |  page 25-30   | ○        | ○        | ○        | ○        |
| Filing Data Save                                      |  page 25-42   | ○        | ○        | ○        | ○        |
| File Manager Feature                                  |  page 25-86   | ○        | ○        | ○        | ○        |
| Display JPEG Files on CF Card                         |  page 9-63    | ○        | ○        | ○        | ○        |
| Screen Capture  |  page 12-17   | ○*3      | ○*3      | ○*3      | ○*3      |
| Script (Operate CF File)                              |  page 21-35   | ○        | ○        | ○        | ○        |
| AUX   |  page 26-10  | ×        | ×        | ×        | ×        |
| Sound Output Feature                                  |  page 26-3  | ○        | ○        | ○        | ○        |
| Record/Play Movies                                    |  page 27-12 | ×        | ×        | ×        | ×        |
| Video Module  |  page 27-50 | ×        | ×        | ×        | ×        |
| Logic Programing                                      |  page 29-3  | ×        | ×        | ×        | ×        |
| Variables Settings                                    |  page 29-39 | ○        | ○        | ○        | ○*4      |
| Variables Holding Function                            |  page 29-75 | ×        | ×        | ×        | ×        |
| I/O Driver Settings                                   |  page 31-5  | ×        | ×        | ×        | ×        |
| RPA Function  |  page 36-2  | ×        | ×        | ×        | ×        |
| Device monitor*5                                      |  page A-41  | ○        | ○        | ○        | ○        |
| Ladder monitor*5                                      |  page A-41  | ×        | ×        | ×        | ×        |
| Reverse Display                                       |  page 5-112 | ×        | ×        | ×        | ×        |
| Change Backlight Color                                |  page 5-154 | ×        | ×        | ×        | ×        |
| Expired backlight detected                            |  page 5-113 | ×        | ×        | ×        | ×        |
| Cross Cursor Display                                  | —  | ×        | ×        | ×        | ×        |
| Portrait Orientation                                  |  page 5-77  | ×        | ×        | ×        | ×        |
| User Screen Area 8 MB                                 |  page 6-5   | ○*6      | ○*6      | ○*6      | ○*6      |

\*1 Please refer to the Hardware Manual or “9.5.1 Setting Colors” (page 9-34) for display color.

\*2 Up to four drivers can be connected simultaneously.

\*3 Screen Capture Save to FTP Server is not available.

\*4 Variables can be set up to 6000 pts.

\*5 Depends on device/PLC settings.

\*6 User Screen Area is 16 MB.

