

# 1 | Welcome to GP-Pro EX

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

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## 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.

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- Depending on the model you use, some features may not be available. Please refer to the following for supported features.

**NOTE**

☞ "1.3 List of Supported Features by Model" (page 1-8)

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### 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 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 a 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 Main features of GP-Pro EX Version 2.0 or later

Features that have been added, or upgraded, since the release of GP-Pro EX version 1.1 are listed below.

- **More models supported**  
In addition to the GP3000 Series, added support for the LT3000 Series and some IPC Series (PC/AT) models. The IPC Series (PC/AT) can be used to emulate a GP.
- **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**  
Search parts that meet criteria from among all parts that have been set. The parts can also be replaced.
- **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.
- **More convenient selection and placement of parts**  
Using the Parts Toolbox, drag and drop parts onto the screen. Register frequently used parts as your Favorites. You can also drag and drop from the Color Settings window to change part colors.
- **You can edit the Logic Program during operation**
- **Check device/PLC data in a list**  
You can use the Device Monitor to list and change the current value of external devices and PLCs.
- **Enhanced security**  
You can now retrieve the operation log. By setting up user IDs and passwords, you can identify the display operator, to help you determine the cause of problems. Support for global interlock is also available, which disables touch operation on all screens.
- **Able to operate the display unit remotely**  
You can operate a remote display unit over the network from a PC.
- **Use a network printer to output data**  
You can set up a PC on the network to act as a printer server, to print out data from the display unit using the printer on a network.

### 1.1.3 Main features of GP-Pro EX Version 2.2 or later

Features that have been added since the release of GP-Pro EX Version 2.2 are listed below.

- You can move a part or drawing on the screen, or change colors.  
You can activate the screen by rotating or moving the part or drawing placed on the screen or use it as security by switching show/hide. Also, changing the color at specified intervals allows you to highlight the display content.
- Multiple GP can be connected to one PLC.  
A Slave GP will access the PLC via a Master GP that connects to PLC.  
If multiple GP are connected, communication efficiency remains high because of the Ethernet between the master and slaves. When multiple GP are connected while one GP is in operation, operation of the other can be locked.
- Support of hand held GP  
Portable operating GP are now supported.
- Enhanced Graph Function  
Functions useful for graphs have been added.  
You can display a standard or normalized line graph, filter out unwanted channels, or change the scale range by adjusting values in a pair of word addresses.
- Enhanced security function  
It is now possible to set passwords for parts. It is no longer necessary to create a screen for security settings. The operation log can also be obtained for each part unit.  
It's easier to change a password if a user changes, because the password can be changed by touch operation even when you are online.
- A text table can be edited without transferring the project data.  
Store the text table data to the external storage in CSV format to overwrite on GP. When you want to change the alarm message or labels, you do not need to repeat the data transmission.
- Multiple switch features can be set for one part.  
Up to 256 switch features can be set for one selector list. A space on the screen can be fully used, because there is no need to place multiple switches.
- Send a message simultaneously to all GP connected to the PC at the upper level.  
If a bulletin message display is placed, you can check a message sent to you on GP. If the display is placed on the window screen, the message display screen may be forced through even if another screen is displayed.
- Enhanced LT series function  
In the LT series, the special I/O order is now enabled, making it easier to control the special I/O function.
- The number of logic steps have been extended  
The upper limit of steps that can be set in the logic program is extended to 6,000 steps.
- Enhanced security function of remote operation  
In the Web Server function and GP-Viewer function, you can prohibit writing in via remote operation. Also, in GP-Viewer function, you can set to prohibit operation from another GP while one GP is in operation.

### 1.1.4 Main features of GP-Pro EX Version 2.5 or later

Features that have been added since the release of GP-Pro EX Version 2.5 are listed below.

- **Expanded number of Alarm Monitoring Addresses**  
The number of alarm monitoring addresses can be expanded to 32767. Multiple monitoring addresses can be registered for one alarm message and several patterns of polling frequency can be set up. The cause of problems can be determined efficiently because you can set a monitoring address to multiple units for the same message.
- **Enhanced font allows to increase expression on the screen.**  
Bitmap fonts using bitmap images can be used in a Data Display. You can select display images as you like.
- **Enhanced File Manger Features**  
You can sort files by date or set a frequently used folder as default, or select a target file quickly.  
Also, device/PLC data can be backed up to an external storage device via FTP server and the list can be checked in the file manager.
- **Expanded Password Input Screen.**  
Password input screen is bigger and touch input is made easy.
- **Extended logic variable capacity**  
Logic I/O bit variables and integer variables was expanded.

## 1.2 Model Environment

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





























In other system configurations, the display and part names may differ. If so, replace the names with those with similar features used in your system configuration.

### Standard Structure

Hardware/Software	Model system specifications	Notes
Operating System	Windows 2000	
Device/PLC	Mitsubishi Electric Q/QnA Serial Communication Series	
Display	AGP-3500T	Video/Movie feature uses AGP-3550T as a model system and Logic Program feature uses GP-3500T-FN1M.
Connection Method of the computer and display	USB cable connection	Digital Electronics Corporation USB Transfer Cable CA3-USBCB-01, Sold Separately




























## 1.3 List of Supported Features by Model

### 1.3.1 GP-3200 Series

O: Supported o: Limited to certain models X: Not supported		AGP-3200T	AGP-3200A
GP-3200 Series			
Screen Display			
Drawing with 256 Colors* <sup>1</sup>	 page 8-36	O	X
Faded Color Blink	 page 5-150	O	X
Change Backlight Color	 page 5-204	X	O
Reverse Display	 page 5-150	X	O
Display			
Portrait Orientation	 page 5-103	O	O
User Screen Area			
User Screen Area 6 MB	 page 6-5	O	O
Communication			
Simultaneous communication with multiple devices/PLCs (2 Units)	 page 7-4	O	O
Ethernet Multilink	 page 7-27	O* <sup>2</sup>	O* <sup>2</sup>
Transfer			
LAN Connection	 page 7-8	O	O
Modem Transfer	 page 33-50	O	O
SIO Transfer (COM Connection)	 page 33-66	O	O
External Storage			
CF Card Connect Function for Transfer Tool	 page 33-29	X	X
CF Memory Loader Tool	 page 33-37	X	X
USB Memory Loader Tool Function	 page 33-37	O	O
Backup SRAM's CF Save	 page 5-168	X	X
Display JPEG Files on CF Card	 page 8-70	X	X
Alarm History (Save as CSV)	 page 19-54	O* <sup>3</sup>	O* <sup>3</sup>
Sampling Data (Save as CSV)	 page 24-20	O* <sup>3</sup>	O* <sup>3</sup>
Screen Capture	 page 11-18	X	X
Playing Movies			
Record/Play Movies	 page 27-12	X	X
VM Unit Connection (GP2000 Series)	 page 27-52	X	X
VM Unit Connection (GP3000 Series)	 page 27-52	X	X
RGB Unit Connection	 page 27-60	X	X
DVI Unit Connection	 page 27-60	X	X
Sound			
AUX	 page 26-10	X	X
Sound Output Feature	 page 26-3	X	X
Font			
Bitmap Font	 page 6-18	O	O
Standard Font Support	 page 6-14	O	O



## List of Supported Features by Model

O: Supported o: Limited to certain models X: Not supported		AGP-3200T	AGP-3200A
GP-3200 Series			
Switches			
Special Switch - Special State - Switch for Selector List	 page 10-70	O	O
Special Switch - Special State - Security	 page 10-70	O	O
Graph			
XY Block Display Scatter Graph	 page 18-126	O	O
XY Historical Scatter Graph	 page 18-111	O	O
Recipes			
Recipe Transfer (Transfer CSV Data)	 page 25-10	O <sup>*3</sup>	O <sup>*3</sup>
Edit data in CSV Display	 page 25-29	O <sup>*3</sup>	O <sup>*3</sup>
Filing Data Save	 page 25-41	O <sup>*3</sup>	O <sup>*3</sup>
File Manager Feature	 page 25-83	O <sup>*3</sup>	O <sup>*3</sup>
File Manager Sort Feature	 page 25-87	O <sup>*3</sup>	O <sup>*3</sup>
Specifying File Manager Default Path	 page 25-87	O <sup>*3</sup>	O <sup>*3</sup>
File Manager - FTP client feature - File copy	 page 25-83	O <sup>*3</sup>	O <sup>*3</sup>
Remote			
Remote PC Access	 page 36-2	X	X
GP-Viewer EX	 page 37-2	O	O
Web Server	 page 37-32	O	O
GP Remote Printer Server	 page 34-15	X	X
Logic			
Logic Programing	 page 29-3	X	X
Variables	 page 29-26	O <sup>*4</sup>	O <sup>*4</sup>
Retentive Variables Function	 page 29-75	X	X
I/O Driver Settings	 page 30-21	X	X
Expanded I/O points	 page 29-17	X	X
Other Functions			
Expanded number of Alarm Monitoring Addresses	 page 19-69	X	X
Changing passwords online	 page 22-34	O	O
Indirect specification of alarms in Sampling settings	 page 24-76	O	O
Animation	 page 20-2	O <sup>*5</sup>	O <sup>*5</sup>
Bulletin Message	 page 17-45	O	O
Ladder Monitor	 page A-46	X	X
Password Input Screen expansion	 page 22-2	X	X

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 If this model is used as a master station, performance quality may deteriorate.

\*3 Possible using a USB storage device. The CF Card cannot be used.

\*4 Variables can set up to 1000 points.

\*5 It cannot be placed on a Window Screen.

## 1.3.2 GP-3300 Series

		AGP-3302B	AGP-3301L	AGP-3301S	AGP-3300L	AGP-3300S	AGP-3300T	AGP-3310T	AGP-3360T
O: Supported									
o: Limited to certain models									
X: Not supported									
GP-3300 Series									
Screen Display									
Drawing with 256 Colors* <sup>1</sup>	☞ page 8-36	X	X	O	X	O	O	O	O
Faded Color Blink	☞ page 5-150	X	X	O	X	O	O	O	O
Change Backlight Color	☞ page 5-204	X	X	X	X	X	X	X	X
Reverse Display	☞ page 5-150	O	O	X	O	X	X	X	X
Display									
Portrait Orientation	☞ page 5-103	O	O	O	O	O	O	O	O
User Screen Area									
User Screen Area 6 MB	☞ page 6-5	O	O	O	O	O	O	X	X
User Screen Area 8 MB	☞ page 6-5	X	X	X	X	X	X	O	O
Communication									
Simultaneous communication with multiple devices/PLCs (4 Units)	☞ page 7-27	X	X	X	X	X	X	O	O
Simultaneous communication with multiple devices/PLCs (2 Units)	☞ page 7-4	O	O	O	O	O	O	X	X
Ethernet Multilink	☞ page 7-27	X	X	X	O <sup>*2*</sup>	O <sup>*2*</sup>	O <sup>*2*</sup>	O <sup>*3</sup>	O <sup>*3</sup>
Transfer									
LAN Connection	☞ page 7-8	X	X	X	O	O	O	O	O
Modem Transfer	☞ page 33-50	O	O	O	O	O	O	O	O
SIO Transfer (COM Connection)	☞ page 33-66	O	O	O	O	O	O	O	O
External Storage									
CF Card Connect Function for Transfer Tool	☞ page 33-29	X	O <sup>*4</sup>	O <sup>*4</sup>	O	O	O	O	O
CF Memory Loader Tool	☞ page 33-37	X	O	O	O	O	O	O	O
USB Memory Loader Tool Function	☞ page 33-37	O	O	O	O	O	O	O	O
Backup SRAM's CF Save	☞ page 5-168	X	O	O	O	O	O	O	O
Display JPEG Files on CF Card	☞ page 8-70	X	O	O	O	O	O	O	O
Alarm History (Save as CSV)	☞ page 19-54	O <sup>*5</sup>	O	O	O	O	O	O	O
Sampling Data (Save as CSV)	☞ page 24-20	O <sup>*5</sup>	O	O	O	O	O	O	O
Screen Capture	☞ page 11-18	X	O <sup>*6</sup>	O <sup>*6</sup>	O	O	O	O	O
Playing Movies									
Record/Play Movies	☞ page 27-12	X	X	X	X	X	X	X	O
VM Unit Connection (GP2000 Series)	☞ page 27-52	X	X	X	X	X	X	X	X
VM Unit Connection (GP3000 Series)	☞ page 27-52	X	X	X	X	X	X	X	X
RGB Unit Connection	☞ page 27-60	X	X	X	X	X	X	X	X
DVI Unit Connection	☞ page 27-60	X	X	X	X	X	X	X	X
Sound									
AUX	☞ page 26-10	X	X	X	X	X	X	O	O
Sound Output Feature	☞ page 26-3	X	X	X	X	X	X	O	O
Font									
Bitmap Font	☞ page 6-18	O	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O	O
Standard Font Support	☞ page 6-14	O	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O	O

# List of Supported Features by Model

		AGP-3302B	AGP-3301L	AGP-3301S	AGP-3300L	AGP-3300S	AGP-3300T	AGP-3310T	AGP-3360T
O: Supported o: Limited to certain models X: Not supported									
GP-3300 Series									
Switches									
Special Switch - Special State - Switch for Selector List	☞ page 10-70	O	O*2	O*2	O*2	O*2	O*2	O	O
Special Switch - Special State - Security	☞ page 10-70	O	O*2	O*2	O*2	O*2	O*2	O	O
Graph									
XY Block Display Scatter Graph	☞ page 18-126	O	O*2	O*2	O*2	O*2	O*2	O	O
XY Historical Scatter Graph	☞ page 18-111	O	O*2	O*2	O*2	O*2	O*2	O	O
Recipes									
Recipe Transfer (Transfer CSV Data)	☞ page 25-10	O*5	O	O	O	O	O	O	O
Edit data in CSV Display	☞ page 25-29	O*5	O	O	O	O	O	O	O
Filing Data Save	☞ page 25-41	O*5	O	O	O	O	O	O	O
File Manager Feature	☞ page 25-83	O*5	O	O	O	O	O	O	O
File Manager Sort Feature	☞ page 25-87	O	O*2	O*2	O*2	O*2	O*2	O	O
Specifying File Manager Default Path	☞ page 25-87	O	O*2	O*2	O*2	O*2	O*2	O	O
File Manager - FTP client feature - File copy	☞ page 25-83	X	X	X	O*2	O*2	O*2	O	O
Remote									
Remote PC Access	☞ page 36-2	X	X	X	X	X	X	O	O
GP-Viewer EX	☞ page 37-2	X	X	X	O	O	O	O	O
Web Server	☞ page 37-32	X	X	X	O	O	O	O	O
GP RemOte Printer Server	☞ page 34-15	X	X	X	O	O	O	O	O
Logic									
Logic Programing	☞ page 29-3	X	X	X	O	O	O	O	O
Variables	☞ page 29-26	O*7	O*7	O*7	O*7	O*7	O*7	O*7	O*7
Retentive Variables Function	☞ page 29-75	X	X	X	O	O	O	O	O
I/O Driver Settings	☞ page 30-21	X	X	X	X	X	X	O	O
Expanded I/O points	☞ page 29-17	X	X	X	O	O	O	O	O
Other Functions									
Expanded number of Alarm Monitoring Addresses	☞ page 19-69	X	X	X	X	X	X	X	X
Changing passwords online	☞ page 22-34	O	O*2	O*2	O*2	O*2	O*2	O	O
Indirect specification of alarms in Sampling settings	☞ page 24-76	O	O*2	O*2	O*2	O*2	O*2	O	O
Animation	☞ page 20-2	O	O*2	O*2	O*2	O*2	O*2	O	O
Bulletin Message	☞ page 17-45	O	O*2	O*2	O*2	O*2	O*2	O	O
Ladder Monitor	☞ page A-46	X	X	X	X	X	X	O	O
Password Input Screen expansion	☞ page 22-2	X	X	X	X	X	X	O	O

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Supports only the type with Rev\*-4 or later

\*3 If this model is used as a master station, performance quality may deteriorate.

\*4 Supported only when the USB transfer cable is connected.

\*5 Possible using a USB storage device. The CF Card cannot be used.

\*6 Screen Capture Save to FTP Server is not available.

\*7 Variables can set up to 6000 points.

## ■ Models that support control

		AGP-3300L-D81	AGP-3300L-FN1M	AGP-3300L-CA1M	AGP-3300S-D81	AGP-3300S-CA1M	AGP-3300T-D81	AGP-3300T-FN1M	AGP-3300T-CA1M
O: Supported									
o: Limited to certain models									
X: Not supported									
GP-3300 Series									
Screen Display									
Drawing with 256 Colors <sup>*1</sup>	☞ page 8-36	X	X	X	O	O	O	O	O
Faded Color Blink	☞ page 5-150	X	X	X	O	O	O	O	O
Change Backlight Color	☞ page 5-204	X	X	X	X	X	X	X	X
Reverse Display	☞ page 5-150	O	O	O	X	X	X	X	X
Display									
Portrait Orientation	☞ page 5-103	O	O	O	O	O	O	O	O
User Screen Area									
User Screen Area 6 MB	☞ page 6-5	O	O	O	O	O	O	O	O
Communication									
Simultaneous communication with multiple devices/PLCs (2 Units)	☞ page 7-4	O	O	O	O	O	O	O	O
Ethernet Multilink	☞ page 7-27	O <sup>*2)*3</sup>	O <sup>*2)*3</sup>	O <sup>*2)*3</sup>	O <sup>*2)*3</sup>	O <sup>*2)*3</sup>	O <sup>*2)*3</sup>	O <sup>*2)*3</sup>	O <sup>*2)*3</sup>
Transfer									
LAN Connection	☞ page 7-8	O	O	O	O	O	O	O	O
Modem Transfer	☞ page 33-50	O	O	O	O	O	O	O	O
SIO Transfer (COM Connection)	☞ page 33-66	O	O	O	O	O	O	O	O
External Storage									
CF Card Connect Function for Transfer Tool	☞ page 33-29	O	O	O	O	O	O	O	O
CF Memory Loader Tool	☞ page 33-37	O	O	O	O	O	O	O	O
USB Memory Loader Tool Function	☞ page 33-37	O	O	O	O	O	O	O	O
Backup SRAM's CF Save	☞ page 5-168	O	O	O	O	O	O	O	O
Display JPEG Files on CF Card	☞ page 8-70	O	O	O	O	O	O	O	O
Alarm History (Save as CSV)	☞ page 19-54	O	O	O	O	O	O	O	O
Sampling Data (Save as CSV)	☞ page 24-20	O	O	O	O	O	O	O	O
Screen Capture	☞ page 11-18	O	O	O	O	O	O	O	O
Playing Movies									
Record/Play Movies	☞ page 27-12	X	X	X	X	X	X	X	X
VM Unit Connection (GP2000 Series)	☞ page 27-52	X	X	X	X	X	X	X	X
VM Unit Connection (GP3000 Series)	☞ page 27-52	X	X	X	X	X	X	X	X
RGB Unit Connection	☞ page 27-60	X	X	X	X	X	X	X	X
DVI Unit Connection	☞ page 27-60	X	X	X	X	X	X	X	X
Sound									
AUX	☞ page 26-10	X	X	X	X	X	X	X	X
Sound Output Feature	☞ page 26-3	X	X	X	X	X	X	X	X
Font									
Bitmap Font	☞ page 6-18	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>
Standard Font Support	☞ page 6-14	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>	O <sup>*2</sup>

# List of Supported Features by Model

		AGP-3300L-D81	AGP-3300L-FN1M	AGP-3300L-CA1M	AGP-3300S-D81	AGP-3300S-CA1M	AGP-3300T-D81	AGP-3300T-FN1M	AGP-3300T-CA1M
O: Supported o: Limited to certain models X: Not supported									
GP-3300 Series									
<b>Switches</b>									
Special Switch - Special State - Switch for Selector List	☞ page 10-70	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
Special Switch - Special State - Security	☞ page 10-70	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
<b>Graph</b>									
XY Block Display Scatter Graph	☞ page 18-126	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
XY Historical Scatter Graph	☞ page 18-111	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
<b>Recipes</b>									
Recipe Transfer (Transfer CSV Data)	☞ page 25-10	O	O	O	O	O	O	O	O
Edit data in CSV Display	☞ page 25-29	O	O	O	O	O	O	O	O
Filing Data Save	☞ page 25-41	O	O	O	O	O	O	O	O
File Manager Feature	☞ page 25-83	O	O	O	O	O	O	O	O
File Manager Sort Feature	☞ page 25-87	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
Specifying File Manager Default Path	☞ page 25-87	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
File Manager - FTP client feature - File copy	☞ page 25-83	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
<b>Remote</b>									
Remote PC Access	☞ page 36-2	X	X	X	X	X	X	X	X
GP-Viewer EX	☞ page 37-2	O	O	O	O	O	O	O	O
Web Server	☞ page 37-32	O	O	O	O	O	O	O	O
GP RemOte Printer Server	☞ page 34-15	O	O	O	O	O	O	O	O
<b>Logic</b>									
Logic Programing	☞ page 29-3	O	O	O	O	O	O	O	O
Variables	☞ page 29-26	O*4	O*4	O*4	O*4	O*4	O*4	O*4	O*4
Retentive Variables Function	☞ page 29-75	O	O	O	O	O	O	O	O
I/O Driver Settings	☞ page 30-21	O	O	O	O	O	O	O	O
Expanded I/O points	☞ page 29-17	O	O	O	O	O	O	O	O
<b>Other Functions</b>									
Expanded number of Alarm Monitoring Addresses	☞ page 19-69	X	X	X	X	X	X	X	X
Changing passwords online	☞ page 22-34	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
Indirect specification of alarms in Sampling settings	☞ page 24-76	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
Animation	☞ page 20-2	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
Bulletin Message	☞ page 17-45	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
Ladder Monitor	☞ page A-46	X	X	X	X	X	X	X	X
Password Input Screen expansion	☞ page 22-2	X	X	X	X	X	X	X	X

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Supports only the type with Rev\*-4 or later


























\*3 If this model is used as a master station, performance quality may deteriorate.

\*4 Variables can set up to 6000 points.

## ■ HandyGP

O: Supported o: Limited to certain models X: Not supported		AGP-3300HL	AGP-3300HS	AGP-3310HT
GP-3300 Series				
Screen Display				
Drawing with 256 Colors* <sup>1</sup>	page 8-36	X	X	X
Faded Color Blink	page 5-150	O	O	O
Change Backlight Color	page 5-204	X	X	X
Reverse Display	page 5-150	O	X	X
Display				
Portrait Orientation	page 5-103	-	-	-
User Screen Area				
User Screen Area 6 MB	page 6-5	O	O	X
User Screen Area 8 MB	page 6-5	X	X	O
Communication				
Simultaneous communication with multiple devices/PLCs (2 Units)	page 7-4	O	O	O
Ethernet Multilink	page 7-27	O* <sup>2</sup>	O* <sup>2</sup>	O* <sup>2</sup>
Transfer				
LAN Connection	page 7-8	O	O	O
Modem Transfer	page 33-50	O	O	O
SIO Transfer (COM Connection)	page 33-66	O	O	O
External Storage				
CF Card Connect Function for Transfer Tool	page 33-29	O	O	O
CF Memory Loader Tool	page 33-37	O	O	O
USB Memory Loader Tool Function	page 33-37	O	O	O
Backup SRAM's CF Save	page 5-168	O	O	O
Display JPEG Files on CF Card	page 8-70	X	X	X
Alarm History (Save as CSV)	page 19-54	O	O	O
Sampling Data (Save as CSV)	page 24-20	O	O	O
Screen Capture	page 11-18	X	X	X
Playing Movies				
Record/Play Movies	page 27-12	X	X	X
VM Unit Connection (GP2000 Series)	page 27-52	X	X	X
VM Unit Connection (GP3000 Series)	page 27-52	X	X	X
RGB Unit Connection	page 27-60	X	X	X
DVI Unit Connection	page 27-60	X	X	X
Sound				
AUX	page 26-10	X	X	X
Sound Output Feature	page 26-3	X	X	X
Font				
Bitmap Font	page 6-18	O	O	O
Standard Font Support	page 6-14	O	O	O

## List of Supported Features by Model





























		AGP-3300HL	AGP-3300HS	AGP-3310HT
O: Supported o: Limited to certain models X: Not supported				
GP-3300 Series				
<b>Switches</b>				
Special Switch - Special State - Switch for Selector List	 page 10-70	O	O	O
Special Switch - Special State - Security	 page 10-70	O	O	O
<b>Graph</b>				
XY Block Display Scatter Graph	 page 18-126	O	O	O
XY Historical Scatter Graph	 page 18-111	O	O	O
<b>Recipes</b>				
Recipe Transfer (Transfer CSV Data)	 page 25-10	O	O	O
Edit data in CSV Display	 page 25-29	O	O	O
Filing Data Save	 page 25-41	O	O	O
File Manager Feature	 page 25-83	O	O	O
File Manager Sort Feature	 page 25-87	O	O	O
Specifying File Manager Default Path	 page 25-87	O	O	O
File Manager - FTP client feature - File copy	 page 25-83	O	O	O
<b>Remote</b>				
Remote PC Access	 page 36-2	X	X	X
GP-Viewer EX	 page 37-2	O	O	O
Web Server	 page 37-32	O	O	O
GP RemOte Printer Server	 page 34-15	X	X	X
<b>Logic</b>				
Logic Programing	 page 29-3	X	X	X
Variables	 page 29-26	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>
Retentive Variables Function	 page 29-75	X	X	X
I/O Driver Settings	 page 30-21	X	X	X
Expanded I/O points	 page 29-17	X	X	X
<b>Other Functions</b>				
Expanded number of Alarm Monitoring Addresses	 page 19-69	X	X	X
Changing passwords online	 page 22-34	O	O	O
Indirect specification of alarms in Sampling settings	 page 24-76	O	O	O
Animation	 page 20-2	O	O	O
Bulletin Message	 page 17-45	O	O	O
Ladder Monitor	 page A-46	X	X	X
Password Input Screen expansion	 page 22-2	X	X	O

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 If this model is used as a master station, performance quality may deteriorate.

\*3 Variables can set up to 1000 points.

### 1.3.3 GP-3400 Series

		AGP-3400S	AGP-3400T	AGP-3450T
O: Supported o: Limited to certain models X: Not supported				
GP-3400 Series				
Screen Display				
Drawing with 256 Colors* <sup>1</sup>	 page 8-36	O	O	O
Faded Color Blink	 page 5-150	O	O	O
Change Backlight Color	 page 5-204	X	X	X
Reverse Display	 page 5-150	X	X	X
Display				
Portrait Orientation	 page 5-103	O	O	O
User Screen Area				
User Screen Area 8 MB	 page 6-5	O	O	O
Communication				
Simultaneous communication with multiple devices/PLCs (4 Units)	 page 7-4	O	O	O
Ethernet Multilink	 page 7-27	O	O	O
Transfer				
LAN Connection	 page 7-8	O	O	O
Modem Transfer	 page 33-50	O	O	O
SIO Transfer (COM Connection)	 page 33-66	O	O	O
External Storage				
CF Card Connect Function for Transfer Tool	 page 33-29	O	O	O
CF Memory Loader Tool	 page 33-37	O	O	O
USB Memory Loader Tool Function	 page 33-37	O	O	O
Backup SRAM's CF Save	 page 5-168	O	O	O
Display JPEG Files on CF Card	 page 8-70	O	O	O
Alarm History (Save as CSV)	 page 19-54	O	O	O
Sampling Data (Save as CSV)	 page 24-20	O	O	O
Screen Capture	 page 11-18	O	O	O
Playing Movies				
Record/Play Movies	 page 27-12	X	X	O
VM Unit Connection (GP2000 Series)	 page 27-52	X	X	X
VM Unit Connection (GP3000 Series)	 page 27-52	X	X	X
RGB Unit Connection	 page 27-60	X	X	X
DVI Unit Connection	 page 27-60	X	X	X
Sound				
AUX	 page 26-10	O	O	O
Sound Output Feature	 page 26-3	O	O	O
Font				
Bitmap Font	 page 6-18	O	O	O
Standard Font Support	 page 6-14	O	O	O



## List of Supported Features by Model

		AGP-3400S	AGP-3400T	AGP-3450T
O: Supported o: Limited to certain models X: Not supported				
GP-3400 Series				
Switches				
Special Switch - Special State - Switch for Selector List	☞ page 10-70	O	O	O
Special Switch - Special State - Security	☞ page 10-70	O	O	O
Graph				
XY Block Display Scatter Graph	☞ page 18-126	O	O	O
XY Historical Scatter Graph	☞ page 18-111	O	O	O
Recipes				
Recipe Transfer (Transfer CSV Data)	☞ page 25-10	O	O	O
Edit data in CSV Display	☞ page 25-29	O	O	O
Filing Data Save	☞ page 25-41	O	O	O
File Manager Feature	☞ page 25-83	O	O	O
File Manager Sort Feature	☞ page 25-87	O	O	O
Specifying File Manager Default Path	☞ page 25-87	O	O	O
File Manager - FTP client feature - File copy	☞ page 25-83	O	O	O
Remote				
Remote PC Access	☞ page 36-2	X	O	O
GP-Viewer EX	☞ page 37-2	O	O	O
Web Server	☞ page 37-32	O	O	O
GP RemOte Printer Server	☞ page 34-15	O	O	O
Logic				
Logic Programing	☞ page 29-3	O	O	O
Variables	☞ page 29-26	O*2	O*2	O*2
Retentive Variables Function	☞ page 29-75	O	O	O
I/O Driver Settings	☞ page 30-21	X	X	X
Expanded I/O points	☞ page 29-17	O	O	O
Other Functions				
Expanded number of Alarm Monitoring Addresses	☞ page 19-69	O*3	O*3	O*3
Changing passwords online	☞ page 22-34	O	O	O
Indirect specification of alarms in Sampling settings	☞ page 24-76	O	O	O
Animation	☞ page 20-2	O	O	O
Bulletin Message	☞ page 17-45	O	O	O
Ladder Monitor	☞ page A-46	O*4	O*4	O*4
Password Input Screen expansion	☞ page 22-2	O	O	O

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Variables can set up to 6000 points.

\*3 Available when GP3000Series Function Expansion Memory (Optional Item) is installed.

\*4 Depends on the device/PLC settings.

## ■ Models that support control

		AGP-3400S-D81	AGP-3400S-CA1M	AGP-3400T-D81	AGP-3400T-FN1M	AGP-3400T-CA1M
O: Supported						
o: Limited to certain models						
X: Not supported						
GP-3400 Series						
Screen Display						
Drawing with 256 Colors *1	page 8-36	O	O	O	O	O
Faded Color Blink	page 5-150	O	O	O	O	O
Change Backlight Color	page 5-204	X	X	X	X	X
Reverse Display	page 5-150	X	X	X	X	X
Display						
Portrait Orientation	page 5-103	O	O	O	O	O
User Screen Area						
User Screen Area 8 MB	page 6-5	O	O	O	O	O
Communication						
Simultaneous communication with multiple devices/PLCs (4 Units)	page 7-4	O	O	O	O	O
Ethernet Multilink	page 7-27	O	O	O	O	O
Transfer						
LAN Connection	page 7-8	O	O	O	O	O
Modem Transfer	page 33-50	O	O	O	O	O
SIO Transfer (COM Connection)	page 33-66	O	O	O	O	O
External Storage						
CF Card Connect Function for Transfer Tool	page 33-29	O	O	O	O	O
CF Memory Loader Tool	page 33-37	O	O	O	O	O
USB Memory Loader Tool Function	page 33-37	O	O	O	O	O
Backup SRAM's CF Save	page 5-168	O	O	O	O	O
Display JPEG Files on CF Card	page 8-70	O	O	O	O	O
Alarm History (Save as CSV)	page 19-54	O	O	O	O	O
Sampling Data (Save as CSV)	page 24-20	O	O	O	O	O
Screen Capture	page 11-18	O	O	O	O	O
Playing Movies						
Record/Play Movies	page 27-12	X	X	X	X	X
VM Unit Connection (GP2000 Series)	page 27-52	X	X	X	X	X
VM Unit Connection (GP3000 Series)	page 27-52	X	X	X	X	X
RGB Unit Connection	page 27-60	X	X	X	X	X
DVI Unit Connection	page 27-60	X	X	X	X	X
Sound						
AUX	page 26-10	O	O	O	O	O
Sound Output Feature	page 26-3	O	O	O	O	O
Font						
Bitmap Font	page 6-18	O	O	O	O	O
Standard Font Support	page 6-14	O	O	O	O	O

## List of Supported Features by Model

		AGP-3400S-D81	AGP-3400S-CA1M	AGP-3400T-D81	AGP-3400T-FN1M	AGP-3400T-CA1M
O: Supported o: Limited to certain models X: Not supported						
GP-3400 Series						
<b>Switches</b>						
Special Switch - Special State - Switch for Selector List	page 10-70	O	O	O	O	O
Special Switch - Special State - Security	page 10-70	O	O	O	O	O
<b>Graph</b>						
XY Block Display Scatter Graph	page 18-126	O	O	O	O	O
XY Historical Scatter Graph	page 18-111	O	O	O	O	O
<b>Recipes</b>						
Recipe Transfer (Transfer CSV Data)	page 25-10	O	O	O	O	O
Edit data in CSV Display	page 25-29	O	O	O	O	O
Filing Data Save	page 25-41	O	O	O	O	O
File Manager Feature	page 25-83	O	O	O	O	O
File Manager Sort Feature	page 25-87	O	O	O	O	O
Specifying File Manager Default Path	page 25-87	O	O	O	O	O
File Manager - FTP client feature - File copy	page 25-83	O	O	O	O	O
<b>Remote</b>						
Remote PC Access	page 36-2	X	X	X	O	O
GP-Viewer EX	page 37-2	O	O	O	O	O
Web Server	page 37-32	O	O	O	O	O
GP RemOte Printer Server	page 34-15	O	O	O	O	O
<b>Logic</b>						
Logic Programing	page 29-3	O	O	O	O	O
Variables	page 29-26	O*2	O*2	O*2	O*2	O*2
Retentive Variables Function	page 29-75	O	O	O	O	O
I/O Driver Settings	page 30-21	X	O	O	X	O
Expanded I/O points	page 29-17	O	O	O	O	O
<b>Other Functions</b>						
Expanded number of Alarm Monitoring Addresses	page 19-69	O*3	O*3	O*3	O*3	O*3
Changing passwords online	page 22-34	O	O	O	O	O
Indirect specification of alarms in Sampling settings	page 24-76	O	O	O	O	O
Animation	page 20-2	O	O	O	O	O
Bulletin Message	page 17-45	O	O	O	O	O
Ladder Monitor	page A-46	O*4	O*4	O*4	O*4	O*4
Password Input Screen expansion	page 22-2	O	O	O	O	O

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Variables can set up to 6000 points.

\*3 Available when GP3000Series Function Expansion Memory (Optional Item) is installed.

\*4 Depends on the device/PLC settings.

### 1.3.4 GP-3500 Series

		AGP-3500L	AGP-3500S	AGP-3500T	AGP-3510T	AGP-3550T	AGP-3560T
O: Supported							
o: Limited to certain models							
X: Not supported							
GP-3500 Series							
Screen Display							
Drawing with 256 Colors* <sup>1</sup>	page 8-36	X	O	O	O	O	O
Faded Color Blink	page 5-150	X	O	O	O	O	O
Change Backlight Color	page 5-204	X	X	X	X	X	X
Reverse Display	page 5-150	O	X	X	X	X	X
Display							
Portrait Orientation	page 5-103	O	O	O	O	O	O
User Screen Area							
User Screen Area 8 MB	page 6-5	O	O	O	O	O	O
Communication							
Simultaneous communication with multiple devices/PLCs (4 Units)	page 7-4	O	O	O	O	O	O
Ethernet Multilink	page 7-27	O	O	O	O	O	O
Transfer							
LAN Connection	page 7-8	O	O	O	O	O	O
Modem Transfer	page 33-50	O	O	O	O	O	O
SIO Transfer (COM Connection)	page 33-66	O	O	O	O	O	O
External Storage							
CF Card Connect Function for Transfer Tool	page 33-29	O	O	O	O	O	O
CF Memory Loader Tool	page 33-37	O	O	O	O	O	O
USB Memory Loader Tool Function	page 33-37	O	O	O	O	O	O
Backup SRAM's CF Save	page 5-168	O	O	O	O	O	O
Display JPEG Files on CF Card	page 8-70	O	O	O	O	O	O
Alarm History (Save as CSV)	page 19-54	O	O	O	O	O	O
Sampling Data (Save as CSV)	page 24-20	O	O	O	O	O	O
Screen Capture	page 11-18	O	O	O	O	O	O
Playing Movies							
Record/Play Movies	page 27-12	X	X	X	X	O	O
VM Unit Connection (GP2000 Series)	page 27-52	X	X	O	O	O	O
VM Unit Connection (GP3000 Series)	page 27-52	X	X	O	O	O	O
RGB Unit Connection	page 27-60	X	X	O	O	O	O
DVI Unit Connection	page 27-60	X	X	O	O	O	O
Sound							
AUX	page 26-10	O	O	O	O	O	O
Sound Output Feature	page 26-3	O	O	O	O	O	O
Font							
Bitmap Font	page 6-18	O	O	O	O	O	O
Standard Font Support	page 6-14	O	O	O	O	O	O

# List of Supported Features by Model

		AGP-3500L	AGP-3500S	AGP-3500T	AGP-3510T	AGP-3550T	AGP-3560T
O: Supported o: Limited to certain models X: Not supported							
GP-3500 Series							
Switches							
Special Switch - Special State - Switch for Selector List	page 10-70	O	O	O	O	O	O
Special Switch - Special State - Security	page 10-70	O	O	O	O	O	O
Graph							
XY Block Display Scatter Graph	page 18-126	O	O	O	O	O	O
XY Historical Scatter Graph	page 18-111	O	O	O	O	O	O
Recipes							
Recipe Transfer (Transfer CSV Data)	page 25-10	O	O	O	O	O	O
Edit data in CSV Display	page 25-29	O	O	O	O	O	O
Filing Data Save	page 25-41	O	O	O	O	O	O
File Manager Feature	page 25-83	O	O	O	O	O	O
File Manager Sort Feature	page 25-87	O	O	O	O	O	O
Specifying File Manager Default Path	page 25-87	O	O	O	O	O	O
File Manager - FTP client feature - File copy	page 25-83	O	O	O	O	O	O
Remote							
Remote PC Access	page 36-2	X	X	O	O	O	O
GP-Viewer EX	page 37-2	O	O	O	O	O	O
Web Server	page 37-32	O	O	O	O	O	O
GP RemOte Printer Server	page 34-15	O	O	O	O	O	O
Logic							
Logic Programing	page 29-3	O	O	O	O	O	O
Variables	page 29-26	O*2	O*2	O*2	O*2	O*2	O*2
Retentive Variables Function	page 29-75	O	O	O	O	O	O
I/O Driver Settings	page 30-21	X	X	X	X	X	X
Expanded I/O points	page 29-17	O	O	O	O	O	O
Other Functions							
Expanded number of Alarm Monitoring Addresses	page 19-69	O*3	O*3	O*3	O*3	O*3	O*3
Changing passwords online	page 22-34	O	O	O	O	O	O
Indirect specification of alarms in Sampling settings	page 24-76	O	O	O	O	O	O
Animation	page 20-2	O	O	O	O	O	O
Bulletin Message	page 17-45	O	O	O	O	O	O
Ladder Monitor	page A-46	O*4	O*4	O*4	O*4	O*4	O*4
Password Input Screen expansion	page 22-2	O	O	O	O	O	O

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Variables can set up to 6000 points.

\*3 Available when GP3000Series Function Expansion Memory (Optional Item) is installed.

\*4 Depends on the device/PLC settings.

## ■ Models that support control

GP-3500 Series		AGP-3500L-D81	AGP-3500S-D81	AGP-3500S-CA1M	AGP-3500T-D81	AGP-3500T-FN1M	AGP-3500T-CA1M	AGP-3510T-CA1M
O: Supported								
o: Limited to certain models								
X: Not supported								
GP-3500 Series								
Screen Display								
Drawing with 256 Colors* <sup>1</sup>	page 8-36	X	O	O	O	O	O	O
Faded Color Blink	page 5-150	X	O	O	O	O	O	O
Change Backlight Color	page 5-204	X	X	X	X	X	X	X
Reverse Display	page 5-150	O	X	X	X	X	X	X
Display								
Portrait Orientation	page 5-103	O	O	O	O	O	O	O
User Screen Area								
User Screen Area 8 MB	page 6-5	O	O	O	O	O	O	O
Communication								
Simultaneous communication with multiple devices/PLCs (4 Units)	page 7-4	O	O	O	O	O	O	O
Ethernet Multilink	page 7-27	O	O	O	O	O	O	O
Transfer								
LAN Connection	page 7-8	O	O	O	O	O	O	O
Modem Transfer	page 33-50	O	O	O	O	O	O	O
SIO Transfer (COM Connection)	page 33-66	O	O	O	O	O	O	O
External Storage								
CF Card Connect Function for Transfer Tool	page 33-29	O	O	O	O	O	O	O
CF Memory Loader Tool	page 33-37	O	O	O	O	O	O	O
USB Memory Loader Tool Function	page 33-37	O	O	O	O	O	O	O
Backup SRAM's CF Save	page 5-168	O	O	O	O	O	O	O
Display JPEG Files on CF Card	page 8-70	O	O	O	O	O	O	O
Alarm History (Save as CSV)	page 19-54	O	O	O	O	O	O	O
Sampling Data (Save as CSV)	page 24-20	O	O	O	O	O	O	O
Screen Capture	page 11-18	O	O	O	O	O	O	O
Playing Movies								
Record/Play Movies	page 27-12	X	X	X	X	X	X	X
VM Unit Connection (GP2000 Series)	page 27-52	X	X	X	O	O	O	O
VM Unit Connection (GP3000 Series)	page 27-52	X	X	X	O	O	O	O
RGB Unit Connection	page 27-60	X	X	X	O	O	O	O
DVI Unit Connection	page 27-60	X	X	X	O	O	O	O
Sound								
AUX	page 26-10	O	O	O	O	O	O	O
Sound Output Feature	page 26-3	O	O	O	O	O	O	O
Font								
Bitmap Font	page 6-18	O	O	O	O	O	O	O
Standard Font Support	page 6-14	O	O	O	O	O	O	O

# List of Supported Features by Model

		AGP-3500L-D81	AGP-3500S-D81	AGP-3500S-CA1M	AGP-3500T-D81	AGP-3500T-FN1M	AGP-3500T-CA1M	AGP-3510T-CA1M
O: Supported o: Limited to certain models X: Not supported								
GP-3500 Series								
<b>Switches</b>								
Special Switch - Special State - Switch for Selector List	page 10-70	O	O	O	O	O	O	O
Special Switch - Special State - Security	page 10-70	O	O	O	O	O	O	O
<b>Graph</b>								
XY Block Display Scatter Graph	page 18-126	O	O	O	O	O	O	O
XY Historical Scatter Graph	page 18-111	O	O	O	O	O	O	O
<b>Recipes</b>								
Recipe Transfer (Transfer CSV Data)	page 25-10	O	O	O	O	O	O	O
Edit data in CSV Display	page 25-29	O	O	O	O	O	O	O
Filing Data Save	page 25-41	O	O	O	O	O	O	O
File Manager Feature	page 25-83	O	O	O	O	O	O	O
File Manager Sort Feature	page 25-87	O	O	O	O	O	O	O
Specifying File Manager Default Path	page 25-87	O	O	O	O	O	O	O
File Manager - FTP client feature - File copy	page 25-83	O	O	O	O	O	O	O
<b>Remote</b>								
Remote PC Access	page 36-2	X	X	X	O	O	O	O
GP-Viewer EX	page 37-2	O	O	O	O	O	O	O
Web Server	page 37-32	O	O	O	O	O	O	O
GP RemOte Printer Server	page 34-15	O	O	O	O	O	O	O
<b>Logic</b>								
Logic Programing	page 29-3	O	O	O	O	O	O	O
Variables	page 29-26	O*2	O*2	O*2	O*2	O*2	O*2	O*2
Retentive Variables Function	page 29-75	O	O	O	O	O	O	O
I/O Driver Settings	page 30-21	O	O	O	O	O	O	O
Expanded I/O points	page 29-17	O	O	O	O	O	O	O
<b>Other Functions</b>								
Expanded number of Alarm Monitoring Addresses	page 19-69	O*3	O*3	O*3	O*3	O*3	O*3	O*3
Changing passwords online	page 22-34	O	O	O	O	O	O	O
Indirect specification of alarms in Sampling settings	page 24-76	O	O	O	O	O	O	O
Animation	page 20-2	O	O	O	O	O	O	O
Bulletin Message	page 17-45	O	O	O	O	O	O	O
Ladder Monitor	page A-46	O*4	O*4	O*4	O*4	O*4	O*4	O*4
Password Input Screen expansion	page 22-2	O	O	O	O	O	O	O





























\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Variables can set up to 6000 points.

\*3 Available when GP3000Series Function Expansion Memory (Optional Item) is installed.

\*4 Depends on the device/PLC settings.

### 1.3.5 GP-3600/3700 Series

O: Supported o: Limited to certain models X: Not supported		AGP-3600T	AGP-3650T	AGP-3750T
GP-3600/3700 Series				
Screen Display				
Drawing with 256 Colors* <sup>1</sup>	 page 8-36	O	O	O
Faded Color Blink	 page 5-150	O	O	O
Change Backlight Color	 page 5-204	X	X	X
Reverse Display	 page 5-150	X	X	X
Display				
Portrait Orientation	 page 5-103	O	O	O
User Screen Area				
User Screen Area 8 MB	 page 6-5	O	O	O
Communication				
Simultaneous communication with multiple devices/PLCs (4 Units)	 page 7-4	O	O	O
Ethernet Multilink	 page 7-27	O	O	O
Transfer				
LAN Connection	 page 7-8	O	O	O
Modem Transfer	 page 33-50	O	O	O
SIO Transfer (COM Connection)	 page 33-66	O	O	O
External Storage				
CF Card Connect Function for Transfer Tool	 page 33-29	O	O	O
CF Memory Loader Tool	 page 33-37	O	O	O
USB Memory Loader Tool Function	 page 33-37	O	O	O
Backup SRAM's CF Save	 page 5-168	O	O	O
Display JPEG Files on CF Card	 page 8-70	O	O	O
Alarm History (Save as CSV)	 page 19-54	O	O	O
Sampling Data (Save as CSV)	 page 24-20	O	O	O
Screen Capture	 page 11-18	O	O	O
Playing Movies				
Record/Play Movies	 page 27-12	X	O	O
VM Unit Connection (GP2000 Series)	 page 27-52	O	O	X
VM Unit Connection (GP3000 Series)	 page 27-52	O	O	O
RGB Unit Connection	 page 27-60	O	O	O
DVI Unit Connection	 page 27-60	O	O	O
Sound				
AUX	 page 26-10	O	O	O
Sound Output Feature	 page 26-3	O	O	O
Font				
Bitmap Font	 page 6-18	O	O	O
Standard Font Support	 page 6-14	O	O	O



## List of Supported Features by Model

		AGP-3600T	AGP-3650T	AGP-3750T
O: Supported o: Limited to certain models X: Not supported				
GP-3600/3700 Series				
<b>Switches</b>				
Special Switch - Special State - Switch for Selector List	☞ page 10-70	O	O	O
Special Switch - Special State - Security	☞ page 10-70	O	O	O
<b>Graph</b>				
XY Block Display Scatter Graph	☞ page 18-126	O	O	O
XY Historical Scatter Graph	☞ page 18-111	O	O	O
<b>Recipes</b>				
Recipe Transfer (Transfer CSV Data)	☞ page 25-10	O	O	O
Edit data in CSV Display	☞ page 25-29	O	O	O
Filing Data Save	☞ page 25-41	O	O	O
File Manager Feature	☞ page 25-83	O	O	O
File Manager Sort Feature	☞ page 25-87	O	O	O
Specifying File Manager Default Path	☞ page 25-87	O	O	O
File Manager - FTP client feature - File copy	☞ page 25-83	O	O	O
<b>Remote</b>				
Remote PC Access	☞ page 36-2	O	O	O
GP-Viewer EX	☞ page 37-2	O	O	O
Web Server	☞ page 37-32	O	O	O
GP RemOte Printer Server	☞ page 34-15	O	O	O
<b>Logic</b>				
Logic Programing	☞ page 29-3	O	O	O
Variables	☞ page 29-26	O*2	O*2	O*2
Retentive Variables Function	☞ page 29-75	O	O	O
I/O Driver Settings	☞ page 30-21	X	X	X
Expanded I/O points	☞ page 29-17	O	O	O
<b>Other Functions</b>				
Expanded number of Alarm Monitoring Addresses	☞ page 19-69	O*3	O*3	O*3
Changing passwords online	☞ page 22-34	O	O	O
Indirect specification of alarms in Sampling settings	☞ page 24-76	O	O	O
Animation	☞ page 20-2	O	O	O
Bulletin Message	☞ page 17-45	O	O	O
Ladder Monitor	☞ page A-46	O*4	O*4	O*4
Password Input Screen expansion	☞ page 22-2	O	O	O





























\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Variables can set up to 6000 points.

\*3 Available when GP3000Series Function Expansion Memory (Optional Item) is installed.

\*4 Depends on the device/PLC settings.

## ■ Models that support control

		AGP-3600T-D81	AGP-3600T-FN1M	AGP-3600T-CA1M
O: Supported o: Limited to certain models X: Not supported				
GP-3600/3700 Series				
Screen Display				
Drawing with 256 Colors* <sup>1</sup>	 page 8-36	O	O	O
Faded Color Blink	 page 5-150	O	O	O
Change Backlight Color	 page 5-204	X	X	X
Reverse Display	 page 5-150	X	X	X
Display				
Portrait Orientation	 page 5-103	O	O	O
User Screen Area				
User Screen Area 8 MB	 page 6-5	O	O	O
Communication				
Simultaneous communication with multiple devices/PLCs (4 Units)	 page 7-4	O	O	O
Ethernet Multilink	 page 7-27	O	O	O
Transfer				
LAN Connection	 page 7-8	O	O	O
Modem Transfer	 page 33-50	O	O	O
SIO Transfer (COM Connection)	 page 33-66	O	O	O
External Storage				
CF Card Connect Function for Transfer Tool	 page 33-29	O	O	O
CF Memory Loader Tool	 page 33-37	O	O	O
USB Memory Loader Tool Function	 page 33-37	O	O	O
Backup SRAM's CF Save	 page 5-168	O	O	O
Display JPEG Files on CF Card	 page 8-70	O	O	O
Alarm History (Save as CSV)	 page 19-54	O	O	O
Sampling Data (Save as CSV)	 page 24-20	O	O	O
Screen Capture	 page 11-18	O	O	O
Playing Movies				
Record/Play Movies	 page 27-12	X	X	X
VM Unit Connection (GP2000 Series)	 page 27-52	O	O	O
VM Unit Connection (GP3000 Series)	 page 27-52	O	O	O
RGB Unit Connection	 page 27-60	O	O	O
DVI Unit Connection	 page 27-60	O	O	O
Sound				
AUX	 page 26-10	O	O	O
Sound Output Feature	 page 26-3	O	O	O
Font				
Bitmap Font	 page 6-18	O	O	O
Standard Font Support	 page 6-14	O	O	O

## List of Supported Features by Model

O: Supported o: Limited to certain models X: Not supported		AGP-3600T-D81	AGP-3600T-FN1M	AGP-3600T-CA1M
GP-3600/3700 Series				
<b>Switches</b>				
Special Switch - Special State - Switch for Selector List	☞ page 10-70	O	O	O
Special Switch - Special State - Security	☞ page 10-70	O	O	O
<b>Graph</b>				
XY Block Display Scatter Graph	☞ page 18-126	O	O	O
XY Historical Scatter Graph	☞ page 18-111	O	O	O
<b>Recipes</b>				
Recipe Transfer (Transfer CSV Data)	☞ page 25-10	O	O	O
Edit data in CSV Display	☞ page 25-29	O	O	O
Filing Data Save	☞ page 25-41	O	O	O
File Manager Feature	☞ page 25-83	O	O	O
File Manager Sort Feature	☞ page 25-87	O	O	O
Specifying File Manager Default Path	☞ page 25-87	O	O	O
File Manager - FTP client feature - File copy	☞ page 25-83	O	O	O
<b>Remote</b>				
Remote PC Access	☞ page 36-2	O	O	O
GP-Viewer EX	☞ page 37-2	O	O	O
Web Server	☞ page 37-32	O	O	O
GP RemOte Printer Server	☞ page 34-15	O	O	O
<b>Logic</b>				
Logic Programing	☞ page 29-3	O	O	O
Variables	☞ page 29-26	O*2	O*2	O*2
Retentive Variables Function	☞ page 29-75	O	O	O
I/O Driver Settings	☞ page 30-21	O	O	O
Expanded I/O points	☞ page 29-17	O	O	O
<b>Other Functions</b>				
Expanded number of Alarm Monitoring Addresses	☞ page 19-69	O*3	O*3	O*3
Changing passwords online	☞ page 22-34	O	O	O
Indirect specification of alarms in Sampling settings	☞ page 24-76	O	O	O
Animation	☞ page 20-2	O	O	O
Bulletin Message	☞ page 17-45	O	O	O
Ladder Monitor	☞ page A-46	O*4	O*4	O*4
Password Input Screen expansion	☞ page 22-2	O	O	O




























\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Variables can set up to 6000 points.

\*3 Available when GP3000Series Function Expansion Memory (Optional Item) is installed.

\*4 Depends on the device/PLC settings.

### 1.3.6 LT3000 Series

		LT-3201A	LT-3300L	LT-3300S	LT-3301L
O: Supported o: Limited to certain models X: Not supported					
LT3200/3300 Series					
Screen Display					
Drawing with 256 Colors* <sup>1</sup>	 page 8-36	X	X	O	X
Faded Color Blink	 page 5-150	X	X	O	X
Change Backlight Color	 page 5-204	O	X	X	X
Reverse Display	 page 5-150	O	O	X	O
Display					
Portrait Orientation	 page 5-103	X	O	O	O
User Screen Area					
User Screen Area 6 MB	 page 6-5	O	O	O	O
Communication					
Ethernet Multilink	 page 7-4	X	X	X	X
Transfer					
LAN Connection	 page 7-8	X	O	O	X
Modem Transfer	 page 33-50	O	O	O	O
SIO Transfer (COM Connection)	 page 33-66	O	O	O	O
External Storage					
CF Card Connect Function for Transfer Tool	 page 33-29	X	X	X	X
CF Memory Loader Tool	 page 33-37	X	X	X	X
USB Memory Loader Tool Function	 page 33-37	O	O	O	O
Backup SRAM's CF Save	 page 5-168	X	X	X	X
Display JPEG Files on CF Card	 page 8-70	X	X	X	X
Alarm History (Save as CSV)	 page 19-54	O* <sup>2</sup>	O* <sup>2</sup>	O* <sup>2</sup>	O* <sup>2</sup>
Sampling Data (Save as CSV)	 page 24-20	O* <sup>2</sup>	O* <sup>2</sup>	O* <sup>2</sup>	O* <sup>2</sup>
Screen Capture	 page 11-18	X	O* <sup>3</sup>	O* <sup>3</sup>	O* <sup>3</sup>
Playing Movies					
Record/Play Movies	 page 27-12	X	X	X	X
VM Unit Connection (GP2000 Series)	 page 27-52	X	X	X	X
VM Unit Connection (GP3000 Series)	 page 27-52	X	X	X	X
RGB Unit Connection	 page 27-60	X	X	X	X
DVI Unit Connection	 page 27-60	X	X	X	X
Sound					
AUX	 page 26-10	X	X	X	X
Sound Output Feature	 page 26-3	X	X	X	X
Font					
Bitmap Font	 page 6-18	X	X	X	X
Standard Font Support	 page 6-14	X	X	X	X

## List of Supported Features by Model

		LT-3201A	LT-3300L	LT-3300S	LT-3301L
O: Supported o: Limited to certain models X: Not supported					
LT3200/3300 Series					
<b>Switches</b>					
Special Switch - Special State - Switch for Selector List	page 10-70	X	X	X	X
Special Switch - Special State - Security	page 10-70	X	X	X	X
<b>Graph</b>					
XY Block Display Scatter Graph	page 18-126	X	X	X	X
XY Historical Scatter Graph	page 18-111	X	X	X	X
<b>Recipes</b>					
Recipe Transfer (Transfer CSV Data)	page 25-10	O*2	O*2	O*2	O*2
Edit data in CSV Display	page 25-29	O*2	O*2	O*2	O*2
Filing Data Save	page 25-41	O*2	O*2	O*2	O*2
File Manager Feature	page 25-83	O*2	O*2	O*2	O*2
File Manager Sort Feature	page 25-87	X	X	X	X
Specifying File Manager Default Path	page 25-87	X	X	X	X
File Manager - FTP client feature - File copy	page 25-83	X	X	X	X
<b>Remote</b>					
Remote PC Access	page 36-2	X	X	X	X
GP-Viewer EX	page 37-2	X	X	X	X
Web Server	page 37-32	X	X	X	X
GP RemOte Printer Server	page 34-15	X	O	O	X
<b>Logic</b>					
Logic Programing	page 29-3	O	O	O	O
Variables	page 29-26	O*4	O*4	O*4	O*4
Retentive Variables Function	page 29-75	O	O	O	O
I/O Driver Settings	page 30-21	O	O	O	O
Expanded I/O points	page 29-17	O	O	O	O
<b>Other Functions</b>					
Expanded number of Alarm Monitoring Addresses	page 19-69	X	X	X	X
Changing passwords online	page 22-34	X	X	X	X
Indirect specification of alarms in Sampling settings	page 24-76	X	X	X	X
Animation	page 20-2	X	X	X	X
Bulletin Message	page 17-45	X	X	X	X
Ladder Monitor	page A-46	X	X	X	X
Password Input Screen expansion	page 22-2	X	X	X	X

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

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

\*3 Cannot be saved to CF Card.

\*4 Variables can set up to 6000 points.

### 1.3.7 IPC Series (PC/AT)

#### ■ PC/AT, PLSeries

		PC/AT	APL-3000B	APL-3600T	APL-3600K	APL-3700T	APL-3700K	APL-3900T
O: Supported o: Limited to certain models X: Not supported								
PC/AT, PLSeries								
Screen Display								
Drawing with 256 Colors *1	☞ page 8-36	-	O	O	O	O	O	O
Faded Color Blink	☞ page 5-150	-	O	O	O	O	O	O
Change Backlight Color	☞ page 5-204	-	X	X	X	X	X	X
Reverse Display	☞ page 5-150	X	X	X	X	X	X	X
Display								
Portrait Orientation	☞ page 5-103	-	X	X	X	X	X	X
User Screen Area								
User Screen Area 16 MB	☞ page 6-5	O	O	O	O	O	O	O
Communication								
Simultaneous communication with multiple devices/PLCs (4 Units)	☞ page 7-4	O	O	O	O	O	O	O
Ethernet Multilink	☞ page 7-27	O	O	O	O	O	O	O
Transfer								
LAN Connection	☞ page 7-8	O	O	O	O	O	O	O
Modem Transfer	☞ page 33-50	X	X	X	X	X	X	X
SIO Transfer (COM Connection)	☞ page 33-66	X	X	X	X	X	X	X
External Storage								
CF Card Connect Function for Transfer Tool	☞ page 33-29	O	O	O	O	O	O	O
CF Memory Loader Tool	☞ page 33-37	X	X	X	X	X	X	X
USB Memory Loader Tool Function	☞ page 33-37	X	X	X	X	X	X	X
Backup SRAM's CF Save	☞ page 5-168	O	O	O	O	O	O	O
Display JPEG Files on CF Card	☞ page 8-70	O	O	O	O	O	O	O
Alarm History (Save as CSV)	☞ page 19-54	O	O	O	O	O	O	O
Sampling Data (Save as CSV)	☞ page 24-20	O	O	O	O	O	O	O
Screen Capture	☞ page 11-18	O*2	O*2	O*2	O*2	O*2	O*2	O*2
Playing Movies								
Record/Play Movies	☞ page 27-12	X	X	X	X	X	X	X
VM Unit Connection (GP2000 Series)	☞ page 27-52	X	X	X	X	X	X	X
VM Unit Connection (GP3000 Series)	☞ page 27-52	X	X	X	X	X	X	X
RGB Unit Connection	☞ page 27-60	X	X	X	X	X	X	X
DVI Unit Connection	☞ page 27-60	X	X	X	X	X	X	X
Sound								
AUX	☞ page 26-10	X	X	X	X	X	X	X
Sound Output Feature	☞ page 26-3	O	O	O	O	O	O	O
Font								
Bitmap Font	☞ page 6-18	O	O	O	O	O	O	O
Standard Font Support	☞ page 6-14	O	O	O	O	O	O	O
Switches								

# List of Supported Features by Model

		PC/AT	APL-3000B	APL-3600T	APL-3600K	APL-3700T	APL-3700K	APL-3900T
O: Supported o: Limited to certain models X: Not supported								
PC/AT, PLSeries								
Special Switch - Special State - Switch for Selector List	page 10-70	O	O	O	O	O	O	O
Special Switch - Special State - Security	page 10-70	O	O	O	O	O	O	O
<b>Graph</b>								
XY Block Display Scatter Graph	page 18-126	O	O	O	O	O	O	O
XY Historical Scatter Graph	page 18-111	O	O	O	O	O	O	O
<b>Recipes</b>								
Recipe Transfer (Transfer CSV Data)	page 25-10	O	O	O	O	O	O	O
Edit data in CSV Display	page 25-29	O	O	O	O	O	O	O
Filing Data Save	page 25-41	O	O	O	O	O	O	O
File Manager Feature	page 25-83	O	O	O	O	O	O	O
File Manager Sort Feature	page 25-87	O	O	O	O	O	O	O
Specifying File Manager Default Path	page 25-87	O	O	O	O	O	O	O
File Manager - FTP client feature - File copy	page 25-83	X	X	X	X	X	X	X
<b>Remote</b>								
Remote PC Access	page 36-2	X	X	X	X	X	X	X
GP-Viewer EX	page 37-2	O	O	O	O	O	O	O
Web Server	page 37-32	X	X	X	X	X	X	X
GP RemOte Printer Server	page 34-15	X	X	X	X	X	X	X
<b>Logic</b>								
Logic Programing	page 29-3	X	X	X	X	X	X	X
Variables	page 29-26	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>
Retentive Variables Function	page 29-75	X	X	X	X	X	X	X
I/O Driver Settings	page 30-21	X	X	X	X	X	X	X
Expanded I/O points	page 29-17	O	O	O	O	O	O	O
<b>Other Functions</b>								
Expanded number of Alarm Monitoring Addresses	page 19-69	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>
Changing passwords online	page 22-34	O	O	O	O	O	O	O
Indirect specification of alarms in Sampling settings	page 24-76	O	O	O	O	O	O	O
Animation	page 20-2	O	O	O	O	O	O	O
Bulletin Message	page 17-45	O	O	O	O	O	O	O
Ladder Monitor	page A-46	X	X	X	X	X	X	X
Password Input Screen expansion	page 22-2	O	O	O	O	O	O	O

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Screen Capture Save to FTP Server is not available.

\*3 Variables can set up to 6000 points.

\*4 Available when GP3000Series Function Expansion Memory (Optional Item) is installed.

## ■ PS Series

		PS-2000B	PS-3450A/PS-3000B	PS-3451A/PS-3001B	PS-3650A	PS-3651A	PS-3700A	PS-3710A	PS-3711A
O: Supported o: Limited to certain models X: Not supported									
PS Series									
Screen Display									
Drawing with 256 Colors*1	☞ page 8-36	O	O	O	O	O	O	O	O
Faded Color Blink	☞ page 5-150	O	O	O	O	O	O	O	O
Change Backlight Color	☞ page 5-204	X	X	X	X	X	X	X	X
Reverse Display	☞ page 5-150	X	X	X	X	X	X	X	X
Display									
Portrait Orientation	☞ page 5-103	X	X	X	X	X	X	X	X
User Screen Area									
User Screen Area 16 MB	☞ page 6-5	O	O	O	O	O	O	O	O
Communication									
Simultaneous communication with multiple devices/PLCs (4 Units)	☞ page 7-4	O	O	O	O	O	O	O	O
Ethernet Multilink	☞ page 7-27	O	O	O	O	O	O	O	O
Transfer									
LAN Connection	☞ page 7-8	O	O	O	O	O	O	O	O
Modem Transfer	☞ page 33-50	X	X	X	X	X	X	X	X
SIO Transfer (COM Connection)	☞ page 33-66	X	X	X	X	X	X	X	X
External Storage									
CF Card Connect Function for Transfer Tool	☞ page 33-29	O	O	O	O	O	O	O	O
CF Memory Loader Tool	☞ page 33-37	X	X	X	X	X	X	X	X
USB Memory Loader Tool Function	☞ page 33-37	X	X	X	X	X	X	X	X
Backup SRAM's CF Save	☞ page 5-168	O	O	O	O	O	O	O	O
Display JPEG Files on CF Card	☞ page 8-70	O	O	O	O	O	O	O	O
Alarm History (Save as CSV)	☞ page 19-54	O	O	O	O	O	O	O	O
Sampling Data (Save as CSV)	☞ page 24-20	O	O	O	O	O	O	O	O
Screen Capture	☞ page 11-18	O*2	O*2	O*2	O*2	O*2	O*2	O*2	O*2
Playing Movies									
Record/Play Movies	☞ page 27-12	X	X	X	X	X	X	X	X
VM Unit Connection (GP2000 Series)	☞ page 27-52	X	X	X	X	X	X	X	X
VM Unit Connection (GP3000 Series)	☞ page 27-52	X	X	X	X	X	X	X	X
RGB Unit Connection	☞ page 27-60	X	X	X	X	X	X	X	X
DVI Unit Connection	☞ page 27-60	X	X	X	X	X	X	X	X
Sound									
AUX	☞ page 26-10	X	X	X	X	X	X	X	X
Sound Output Feature	☞ page 26-3	O	O	O	O	O	O	O	O
Font									
Bitmap Font Support	☞ page 6-18	O	O	O	O	O	O	O	O
Standard Font Support	☞ page 6-14	O	O	O	O	O	O	O	O



List of Supported Features by Model

O: Supported o: Limited to certain models X: Not supported		PS-2000B	PS-3450A/PS-3000B	PS-3451A/PS-3001B	PS-3650A	PS-3651A	PS-3700A	PS-3710A	PS-3711A
<b>PS Series</b>									
<b>Switches</b>									
Special Switch - Special State - Switch for Selector List	page 10-70	O	O	O	O	O	O	O	O
Special Switch - Special State - Security	page 10-70	O	O	O	O	O	O	O	O
<b>Graph</b>									
XY Block Display Scatter Graph	page 18-126	O	O	O	O	O	O	O	O
XY Historical Scatter Graph	page 18-111	O	O	O	O	O	O	O	O
<b>Recipes</b>									
Recipe Transfer (Transfer CSV Data)	page 25-10	O	O	O	O	O	O	O	O
Edit data in CSV Display	page 25-29	O	O	O	O	O	O	O	O
Filing Data Save	page 25-41	O	O	O	O	O	O	O	O
File Manager Feature	page 25-83	O	O	O	O	O	O	O	O
File Manager Sort Feature	page 25-87	O	O	O	O	O	O	O	O
Specifying File Manager Default Path	page 25-87	O	O	O	O	O	O	O	O
File Manager - FTP client feature - File copy	page 25-83	X	X	X	X	X	X	X	X
<b>Remote</b>									
Remote PC Access	page 36-2	X	X	X	X	X	X	X	X
GP-Viewer EX	page 37-2	O	O	O	O	O	O	O	O
Web Server	page 37-32	X	X	X	X	X	X	X	X
GP RemOte Printer Server	page 34-15	X	X	X	X	X	X	X	X
<b>Logic</b>									
Logic Programing	page 29-3	X	X	X	X	X	X	X	X
Variables	page 29-26	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>
Retentive Variables Function	page 29-75	X	X	X	X	X	X	X	X
I/O Driver Settings	page 30-21	X	X	X	X	X	X	X	X
Expanded I/O points	page 29-17	O	O	O	O	O	O	O	O
<b>Other Functions</b>									
Expanded number of Alarm Monitoring Addresses	page 19-69	O	O	O	O	O	O	O	O
Changing passwords online	page 22-34	O	O	O	O	O	O	O	O
Indirect specification of alarms in Sampling settings	page 24-76	O	O	O	O	O	O	O	O
Animation	page 20-2	O	O	O	O	O	O	O	O
Bulletin Message	page 17-45	O	O	O	O	O	O	O	O
Ladder Monitor	page A-46	X	X	X	X	X	X	X	X
Password Input Screen expansion	page 22-2	O	O	O	O	O	O	O	O

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Screen Capture Save to FTP Server is not available.

\*3 Variables can set up to 6000 points.

## 1.3.8 ST3000 Series

		AST-3201A (SIO)	AST-3211A (MPI)	AST-3301B	AST-3301S	AST-3301T	AST-3302B (MPI)	AST-3401T	AST-3501C	AST-3501T
O: Supported o: Limited to certain models X: Not supported										
ST3000 Series										
Screen Display										
Drawing with 256 Colors* <sup>1</sup>	☞ page 8-36	X	X	X	O	O	X	O	X	O
Faded Color Blink	☞ page 5-150	X	X	X	O	O	X	O	O	O
Change Backlight Color	☞ page 5-204	O	O	X	X	X	X	X	X	X
Reverse Display	☞ page 5-150	O	O	O	X	X	O	X	X	X
Display										
Portrait Orientation	☞ page 5-103	O	O	O	O	O	O	O	O	O
User Screen Area										
User Screen Area 6 MB	☞ page 6-5	O	O	O	O	O	O	O	O	O
Communication										
Simultaneous communication with multiple devices/PLCs (2 Units)	☞ page 7-4	O	O	O	O	O	O	O	O	O
Ethernet Multilink	☞ page 7-27	X	X	X	X	X	X	X	X	X
Transfer										
LAN Connection	☞ page 7-8	X	X	X	X	X	X	X	X	X
Modem Transfer	☞ page 33-50	O	O	O	O	O	O	O	O	O
SIO Transfer (COM Connection)	☞ page 33-66	O	O	O	O	O	O	O	O	O
External Storage										
CF Card Connect Function for Transfer Tool	☞ page 33-29	X	X	X	X	X	X	O* <sup>2</sup>	O* <sup>2</sup>	O* <sup>2</sup>
CF Memory Loader Tool	☞ page 33-37	X	X	X	X	X	X	O	O	O
USB Memory Loader Tool Function	☞ page 33-37	O	O	O	O	O	O	O	O	O
Backup SRAM's CF Save	☞ page 5-168	X	X	X	X	X	X	O	O	O
Display JPEG Files on CF Card	☞ page 8-70	X	X	X	X	X	X	X	X	X
Alarm History (Save as CSV)	☞ page 19-54	O* <sup>3</sup>	O* <sup>3</sup>	O* <sup>3</sup>	O* <sup>3</sup>	O* <sup>3</sup>	O* <sup>3</sup>	O	O	O
Sampling Data (Save as CSV)	☞ page 24-20	O* <sup>3</sup>	O* <sup>3</sup>	O* <sup>3</sup>	O* <sup>3</sup>	O* <sup>3</sup>	O* <sup>3</sup>	O	O	O
Screen Capture	☞ page 11-18	X	X	X	X	X	X	X	X	X
Playing Movies										
Record/Play Movies	☞ page 27-12	X	X	X	X	X	X	X	X	X
VM Unit Connection (GP2000 Series)	☞ page 27-52	X	X	X	X	X	X	X	X	X
VM Unit Connection (GP3000 Series)	☞ page 27-52	X	X	X	X	X	X	X	X	X
RGB Unit Connection	☞ page 27-60	X	X	X	X	X	X	X	X	X
DVI Unit Connection	☞ page 27-60	X	X	X	X	X	X	X	X	X
Sound										
AUX	☞ page 26-10	X	X	X	X	X	X	X	X	X
Sound Output Feature	☞ page 26-3	X	X	X	X	X	X	X	X	X
Font										
Bitmap Font Support	☞ page 6-18	O	O	O	O	O	O	O	O	O
Standard Font Support	☞ page 6-14	O	O	O	O	O	O	O	O	O

# List of Supported Features by Model

		AST-3201A (SIO)	AST-3211A (MPI)	AST-3301B	AST-3301S	AST-3301T	AST-3302B (MPI)	AST-3401T	AST-3501C	AST-3501T
O: Supported o: Limited to certain models X: Not supported										
ST3000 Series										
<b>Switches</b>										
Special Switch - Special State - Switch for Selector List	☞ page 10-70	O	O	O	O	O	O	O	O	O
Special Switch - Special State - Security	☞ page 10-70	O	O	O	O	O	O	O	O	O
<b>Graph</b>										
XY Block Display Scatter Graph	☞ page 18-126	O	O	O	O	O	O	O	O	O
XY Historical Scatter Graph	☞ page 18-111	O	O	O	O	O	O	O	O	O
<b>Recipes</b>										
Recipe Transfer (Transfer CSV Data)	☞ page 25-10	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O	O	O
Edit data in CSV Display	☞ page 25-29	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O	O	O
Filing Data Save	☞ page 25-41	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O	O	O
File Manager Feature	☞ page 25-83	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O <sup>*3</sup>	O	O	O
File Manager Sort Feature	☞ page 25-87	O	O	O	O	O	O	O	O	O
Specifying File Manager Default Path	☞ page 25-87	O	O	O	O	O	O	O	O	O
File Manager - FTP client feature - File copy	☞ page 25-83	X	X	X	X	X	X	X	X	X
<b>Remote</b>										
Remote PC Access	☞ page 36-2	X	X	X	X	X	X	X	X	X
GP-Viewer EX	☞ page 37-2	X	X	X	X	X	X	X	X	X
Web Server	☞ page 37-32	X	X	X	X	X	X	X	X	X
GP RemOte Printer Server	☞ page 34-15	X	X	X	X	X	X	X	X	X
<b>Logic</b>										
Logic Programing	☞ page 29-3	X	X	X	X	X	X	X	X	X
Variables	☞ page 29-26	X	X	X	X	X	X	X	X	X
Retentive Variables Function	☞ page 29-75	X	X	X	X	X	X	X	X	X
I/O Driver Settings	☞ page 30-21	X	X	X	X	X	X	X	X	X
Expanded I/O points	☞ page 29-17	X	X	X	X	X	X	X	X	X
<b>Other Functions</b>										
Expanded number of Alarm Monitoring Addresses	☞ page 19-69	X	X	X	X	X	X	X	X	X
Changing passwords online	☞ page 22-34	O	O	O	O	O	O	O	O	O
Indirect specification of alarms in Sampling settings	☞ page 24-76	O	O	O	O	O	O	O	O	O
Animation	☞ page 20-2	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>	O <sup>*4</sup>
Bulletin Message	☞ page 17-45	O	O	O	O	O	O	O	O	O
Ladder Monitor	☞ page A-46	X	X	X	X	X	X	X	X	X
Password Input Screen expansion	☞ page 22-2	X	X	X	X	X	X	O	O	O

\*1 For information about the display color, please refer to the Hardware Manual or see "8.5.1 Setting Colors" (page 8-36).

\*2 Supported only when the USB transfer cable is connected.

\*3 Possible using a USB storage device. The CF Card cannot be used.

\*4 It cannot be placed on a Window Screen.

