

Index

Numerics

16 Levels	9-34
16 states	13-13, 13-23
16384 Colors	9-34
256 Colors	9-34
3-Speed Blink	9-34
4096 Colors	9-34
5 states	13-8
65536 Colors	9-34

A

About Backup SRAM	19-73, 24-106, 25-107
About GP-Pro EX	1-2
Add Data	11-13
Add/Delete Font	6-5
Address Action	25-93
Address block conversion	5-78
Address settings window	5-86
Adjusting the time	34-1, 34-3
Alarm	19-1
Alarm Feature List	19-147
Alarm History	19-19, 19-30
Alarm History Data	25-30
Alarm Parts	19-87
Align	9-32, 15-59, 15-60, 15-61
Automatic Numbering	25-104

B

Back up a project file	5-17
Backup History	19-69
Backup SRAM capacity	5-72
Banner	19-72
Bar Code Settings	8-20
Barcode reader	8-2, 8-4
Batch Print	19-66
Bit logic system variables	A-72
Bit Monitoring	19-20
Bit Switch	11-44
Block display	17-19
Blue-mode Monochrome LCD	9-34
Buzzer	26-1, 26-7, 26-10

C

Calculation Examples	21-90, 21-91
Call and Display Pictures	10-4, 10-11, 10-17
Call Screen	9-49, 9-50
Canceling a print	33-23
Center	15-60, 15-61
CF card to USB memory	A-66
CF card transfer	32-36
CF-Card	25-10
CF-Card Output Folder	5-38, 5-73
CF-Card Tool	32-28
CF-card usage warnings	5-147, 12-26
Change attribute	5-58

Change Base Screen	19-35
Change Coordinates	9-33
Change Device/PLC	7-27
Change File Name	21-47
Change Screen Switch	11-60
Change the screen color	5-57
Change view	5-141
Changing alarm language	15-62
Changing and displaying messages (text)	15-4
Changing Attributes	9-30
Changing Device/PLC	7-17
Changing screens	12-10
Changing the displayed screen	12-4, 12-13, 12-21
Changing the displayed text	15-8
Changing the displayed window	18-11, 18-17
Changing Values	14-38
Character Code	6-6
Character Code List	9-71
Choosing the screen that will display when the GP turns on	12-7
Clear Area	16-26, 16-41
Color Code	10-51
Color code table	A-53
Color Combination	10-49
Color Pallet	9-35
Color-Changing Switch	11-31
Command and Status	19-60
Command List	21-92
Common setting window	5-87
Common settings	5-136
Communicating with Multiple Device/PLCs	7-1
Communication	A-2
Communication cycle time	A-19
Communication error code	A-19
Compare Memory	21-9
Compare Projects	32-25
Comparison	11-16, 21-67
Compatibility	2-2
Condition Action	25-90
Condition expression	20-44
Condition Name Search Feature	25-98
Confirm the list of addresses	5-25
Confirming the communication state	7-14
Connecting a printer	33-8
Control Word Address to save data to the CF-Card	19-60
Convert	2-2
Convert the addresses in block	5-33
Converting movie files	27-40
Converting the PLC type	7-22
Copy a screen	5-60
Copy from another project	5-82
Copy Memory	21-11, 21-14
Copy to CF-Card	32-29
Copying data in blocks	20-12
Create a project file	5-6

Creating a Keypad	16-10	D-scripts	20-2
Creating backup data	32-37	Duplicate	9-29
Creating documents	33-3	E	
Creating windows	18-4	Edit Parts	9-37
Cross reference	5-26, 5-81	Edit project file password	5-22
CSV Data	25-9, 25-17, 25-25, 25-30	Editing CSV Data	25-40
CSV Data Flow	25-4	Editing Objects	9-26
CSV Display	25-80	Enable System Data Area	
CSV Format	24-20, 25-9, 25-30	12-12, 12-17, 18-20, 26-9, 26-12
Cursor Shape	19-119	Enlarge/Reduce	9-27
D		Error check	5-83
Data block display graph	17-55, 17-59	Event Recorder	27-21, 27-82
Data capacity per screen	5-144	Examples	21-88, 21-89
Data Collection Timing	24-110	Extended script structure	20-22
Data Display	14-1, 14-43	Extended scripts	20-2
Data Input	14-1	External Operation of Multiple GPs	19-144
Data Store Mode	21-41	F	
Date/Time Display	14-94	File Manager	25-85
Debug Function	21-61	File Name	19-61
Debugging	33-3	Filing Data	25-42, 25-46, 25-52
Delay Feature	11-71	Filing Data Capacity	25-108
Delete File	21-54	Filing Data Flow	25-5
Description Expression	21-63	Fill	9-11, 9-13, 9-15, 9-17, 9-22
Device settings	5-99	Fix/Unfix Objects	9-48
Device/PLC driver settings	5-68	Fixed position	15-59
Device/PLC settings	5-124	Font Settings	6-19
Device/PLC's system data area allotment procedure		Font Types	6-2, 6-4
.....	A-20	Free room	12-25
Direct access method	7-7, 7-8, 12-25, A-3	Freeze Mode	19-117
Direct access method + memory link method	7-8, 7-9	From Data Buffer To Internal Device	21-79
Direct Selection	19-102	From Internal Device To Data Buffer	21-77
Display Characters not Found in the Character Code List		Function name	20-57
.....	9-74	G	
Display device settings	5-67	Global D-scripts	20-2
Display Format of the Sampling Data	24-30	Global Window	18-4, 18-14
Display historical data	17-51	GP-PRO/PBIII for Windows	2-2
Display Position of Alarm Message (Banner)	19-9	Graph	17-24
Display scan time	A-19, A-34	Group	9-31
Display the addresses with a map	5-28	Group Feature	19-72
Display the list of addresses	5-26	Group Function	11-72
Displaying an Alarm	20-17	H	
Displaying CSV Data	25-36	Header/footer	5-51
Displaying multiple windows on a single screen	18-30	Hierarchical Screen Change	12-21
Displaying windows	18-7	Historical trend graph	17-40
Displaying/clearing a data block display graph	17-22	HMI system variables (#H system variables)	A-88
Double Touch	11-28	How Input Order Setting Works	14-106
Download	32-36	How the Group Number Settings Works	14-107
DRAM	24-107	How to Move File Manager	27-39
Draw	9-1	How to Store Data	24-118
Drawing Circle/Oval	9-12	I	
Drawing Dots	9-7	If you cannot collect data	24-126
Drawing Line/Polyline	9-8	Image Font	6-15
Drawing Polygons	9-16	Image Registration	10-23
Drawing Rectangles	9-10		
Drawing Scales	9-18		
Drawing Tables	9-20		
Drawing using foreign languages	A-57		

Index File	25-99
Initialize Memory	21-20, 21-21
Initializing the CF-Card	32-37, 32-41
Input Code Table	9-74
Input Permit	14-56, 14-60, 14-83, 14-87
Install only Transfer Tool	32-63
Instructions	21-1
Integer logic system variables	A-76
Interlock	11-19, 14-26
Internal device address	A-4, A-6

J

Japanese FEP Feature	16-42
JPEG file	12-18

K

Key	16-27
Keypad	16-3, 16-7
Keypad Registration	16-23

L

Label	11-54
Lamp	13-30
Language change settings	15-50
Languages	15-15, 15-22
Line chart	17-11, 17-15
Line Graph	24-14
List Alarms	19-13
List of Available Colors	9-34
List of Devices before and after the Conversion	2-5
List of GP Models before and after the Conversion	2-2
List of script error codes	20-59
List of Supported Functions by Device	1-4
Local Window	18-4, 18-7
Location	19-61
Logic system variables (#L system variables)	A-72
Loop	12-25
Loop function	25-105
LS area	A-8

M

Main function	20-27
Main unit settings	5-100
Main window	5-64
Mark	9-82
Mark Registration	9-79, 9-80
Marks	9-65
Memory link method	12-25, A-5
Memory Loader	32-36, 32-59
Memory Operation	21-7
Memory Ring	21-15
Message Display	15-35, 19-134
Meter Graph	17-36
Model Environment	1-3
Monochrome 16 Levels	9-34
Monochrome LCD	9-34
Move	9-28
Move Display	10-17

Move Method of File Manager	25-39
Move Range and Move Direction	10-22
Movie Converter	27-40
Multi-function	11-36
Multifunction Feature	11-72
Multilanguage	15-15, 15-22

N

No. of features that can be placed on a screen	5-144
Normal graph	17-25
Notes on CF-card saving	5-147
Numeric Display	14-45

O

Online Update	2-19
Operate CF File	21-36
Operating Environment	3-3, 3-4
Operating Environment Exclusively for Transfer Tools	3-6
Operation Example	21-88
Operation results	20-58
Operations	20-5
Operator	21-69
Option settings	5-128
Output File List	21-53
Overlapping	10-8, 10-13

P

Package Content	3-2
Package Registration	9-82
Packages	16-37
Password	5-21, 5-74, 5-76, 22-1, 32-31
Password input window	22-7
Pasting Bitmap/JPEG	9-63
Pen recorder	17-42
Peripheral list	5-122
Picture Display	10-25, 19-133
Pictures	9-6
Place Pictures Registered in the Package	9-52
Play list file	27-25
Point of Display Position	10-10, 10-16, 10-52
Popup Keypad	16-3, 16-39
Precautions on CF-Card Handling	19-62, 24-27, 25-114
Precautions on Saving Data in the CF-Card	19-62, 24-27
Prevent entering data outside the allowed range	14-30
Preventing images from burning into the screen	34-7
Print	33-33
Print feature	33-10
Print Format	19-67
Print layout	33-7
Printer	33-10
Printer Operation	21-56
Printer settings	33-11
Printing	33-3
Printing Alarm History	19-142
Printing CSV Data	25-41
Procedure for creating scripts	20-23, 20-38
Processing	14-75

Program	20-2
Programming	21-1
Project Converter	2-9
Project File	5-6
Project information	5-36
Properties	5-69
Properties window	5-91
Protecting screens	22-1

R

Radio Switch	11-38
Read area	17-60
Read CSV File	21-49
Read File	21-51
Real-time images	27-7
Real-Time Print	19-66
Receive	32-9, 32-18, 32-62
Recipe Data	25-30
Recipe Feature	25-2
Recipe Settings	25-56
Recording video only before and after a malfunction	27-19
Reflect in Device/PLC	12-17
Register in the Package	9-54
Register New Part Image	9-44
Register to Template	9-61
Remove/Change Transfer Password	32-34
Reversing	9-32
Rich text file	33-3
Rotate	9-32

S

Sampling	24-37
Sampling Data	24-14, 25-30
Sampling Data Display	24-99, 24-122
Sampling Feature	24-2
Sampling settings	17-11
Sampling Structure	24-105
Saved in CSV format	19-56
Saving a movie file on a CF-Card	27-12
Saving a movie file on an FTP server	27-15
Saving the displayed screen	12-18
Saving to the CF-Card	12-18, 19-56, 19-59, 24-20, 25-13
Screen capture	5-148, 12-18, 12-25
Screen data list window	5-92
Screen hard copy	33-13
Screen information	5-140
Screen list window	5-89
Screensaver	34-1
Script	20-48
Script function summary	20-27
Script programming	20-53
Script settings	5-127
Scripts	20-2, 21-1
Scroll through past data	17-15
Search Memory	21-17
Security level list	22-12

Security settings	22-9
Select Screen from Template	9-59
Selecting a movie at run time	27-32
Selector Switch	11-69
Send	32-6, 32-13, 32-61
Sending Alarm Messages	19-6
Sequential Input	14-34
Set Blinks	9-36
Set Colors	9-34
Set Line Types	9-36
Set Patterns	9-36
Set up Grids	9-56
Setting procedure for used-defined functions	20-40
Shift Memory	21-22
Show History	19-88
Show Limit Value	14-101
Show scale	17-62
Show Text Window	19-43
SIO Port Operation	20-54, 21-24
Sound	26-1
Sound options	11-49
Sound settings	26-13
Space Requirements for Alarm History Data	19-73
Speaker	26-3
Special Data Display	25-71
Special relay	A-17, A-32
Special Switch	11-61
SRAM auto backup	5-148
Standard Font	6-3
Start	5-1
State List	11-52
Statistical Data Display	14-97
Statistical graph	17-34
STN Color LCD	9-34
Stop Communications	7-12
Stroke Font	6-3
Sub Data	11-13
Sub Display	19-34
Sub Display using Global Window	19-135
Sub Display using Local Window	19-135
Summary	19-72, 19-121
Supported Model List	3-7
Switch Lamp	11-42
Switches	11-1
Symbol	5-44
Symbol variable settings	5-137
System area	A-23
System data area	7-8, A-10, A-25
System Keypad	16-21
System settings window	5-84, 5-99
System variables	A-72

T

Template registration	5-142
Text	9-75, 15-47
Text Alarm	19-125, 19-146
Text Display	14-78
Text display area	15-59, 15-60, 15-61

Text Operation	21-72
Text Operation Error Status	21-81
Text table	15-15, 15-22, 15-29, 15-34
Text Table settings	15-48
TFT Color LCD	9-34
Time schedule	23-1
Time schedule settings	23-10
Time-Base	14-69
Time-Base Function	14-69
Transfer CSV Data	25-3, 25-56, 25-61, 25-88
Transfer Filing Data	25-3, 25-63, 25-67, 25-106
Transfer Project Files	32-6
Transfer Settings	32-57
Transfer Tool	32-55
Transfer via Ethernet (LAN)	32-12
Transfer via USB Cable	32-5
Trigger action	A-40
Trigger condition	20-42
Turn OFF the screen display	34-7, 34-9
Two-dimensional code reader	8-4, 8-12
Types of printers	33-9

U

Ungroup	9-31
Upload	32-36, 32-41
Usable address	A-3, A-6
Usage capacity of Sampling Data	24-107
USB memory to CF card	A-66
User Keypad	16-22
Using a modem to transfer to a remote GP	32-47
Using a Play List	27-25
Using File Manager to play movies	27-37
Utility	5-78

V

Video	27-1
Video recording	27-1

W

When using Direct Access and Memory Link together	A-36
Window part	18-21
Window Screen	19-135
Word Monitoring	19-24
Word Switch	11-57
Work flow up to the operation	4-2, 4-3
Work space	5-84
Write Data	11-10
Write File	21-44
Writing Texts	9-23

X

XOR Display	10-28, 10-48
-------------------	--------------