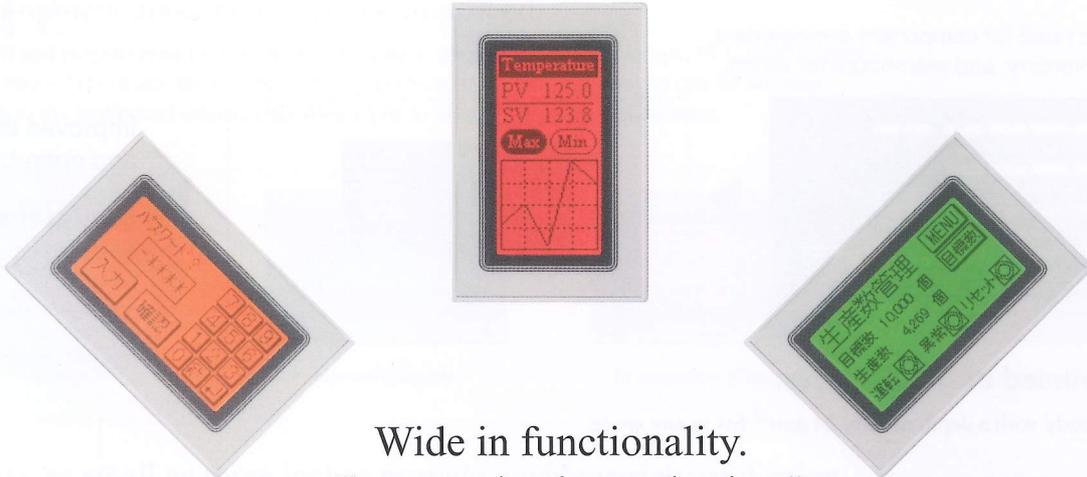# NAiS

Programmable
GT series
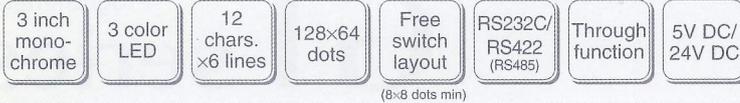
GT01
GT10
GT30

Wide in functionality.
Compact in size and price."

Ultra compact size with all the features required for control panels

| 3 inch mono-chrome | 3 color LED | 12 chars. ×6 lines | 128×64 dots | Free switch layout (8×8 dots min) | RS232C/ RS422 (RS485) | Through function | 5V DC/ 24V DC |

c(UL)us

Cost and space saving

● GT01 is a shortcut to cost reduction.

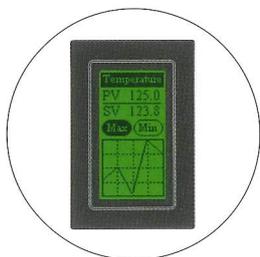Eliminates the need for component arrangement, component inventory, and man-hours for wiring.

Total cost

1/5 *1
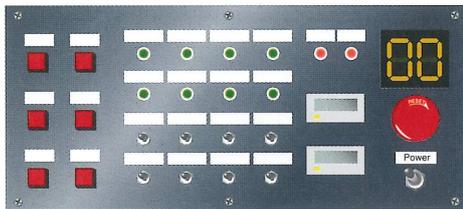
Improves the design and operability.

Easy to change the settings by model and user.

● Can be mounted in small spaces.

The ultra-thin body with a depth of only 24 mm*2 fits in any space.

24 mm *2

72 mm

110 mm

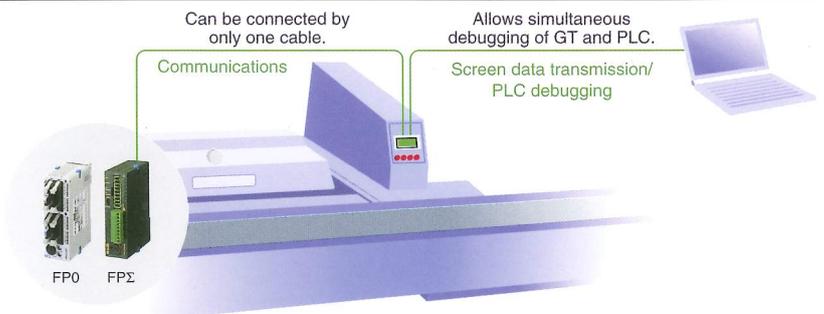Display in portrait orientation is also available.
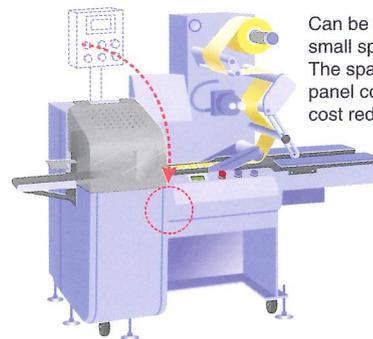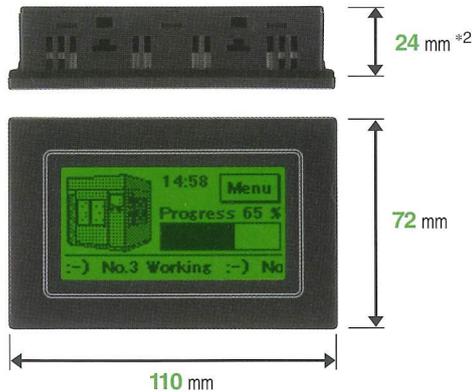
Can be mounted in any small space.
The space saving control panel contributes to total cost reduction.

Simple connection and maintenance

● The Through function improves the convenience in combination with our FP series PLC.

Simultaneous operation of GT data transfer and PLC debugging will be available by connecting your GT to a personal computer and our FP series PLC.

Can be connected by only one cable.

Communications

Allows simultaneous debugging of GT and PLC.

Screen data transmission/ PLC debugging

FP0   FPΣ

● Only one cable is required to connect your GT directly to our FP series or Mitsubishi Electric FX series, substantially reducing the man-hours for wiring. (5 VDC type)
Only one cable is required because power is supplied through the TOOL port of the PLC.

● The use of high-brightness LEDs eliminated backlight replacement work.

● The device wiring function reduces your workload for creating PLC ladder diagrams.
This function writes values in the PLC or turns bits on/off according to the PLC status or the screen No.
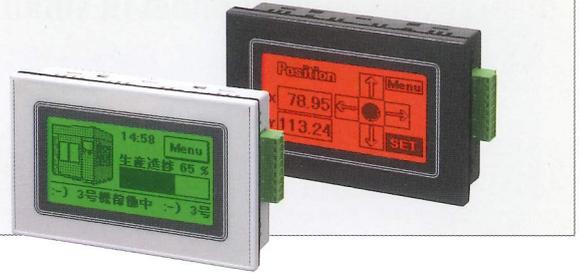
High visibility and multiple functions

🔘 Display of a highly visible equipment status achieved by the 3-color LEDs. The equipment appearance will be improved.

The bright and easy-to-read LCD indicates messages, graphics, switches, lamps, PLC data, graphs, clocks*3, and others in any layout you want. In addition, three backlight colors can be selected according to the equipment status. This allows you to identify the status at a glance.

70% brighter

(than our conventional model) *4
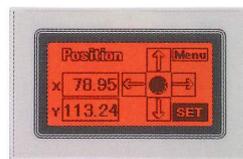
Normal (Green)   In operation (Orange)   Emergency (Red)

🔘 Displays as small as three inches provide a wide variety of display functions that improve the workability for operators.
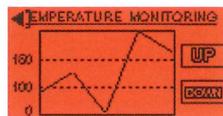
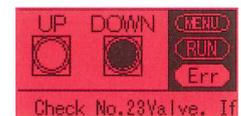| "TrueType fonts"	"Analog-touch design"	"Graph function"	"Recipe function"	"Message scrolling function"
With the TrueType fonts, the screen can display up to 72 characters at a time (12 chars. x 6 lines) and therefore be used effectively.	You can freely position switches as small as 8 x 8 dots.	You can identify the production or operation status in line or bar graph form.	Settings by product item and other data (up to 3,600 words) can be transferred to PLC, reducing your workload for creating PLC ladder diagrams.	A scrolling message of up to 64 characters (two-byte) can be displayed at the bottom of the screen. (128 messages)

Usefulness

🔘 Multiple languages can be used on a single GT unit.

One product model can support multiple languages for a wide variety of destination countries.

■Available languages *5

Japanese	English	European	Simplified Chinese	Traditional Chinese	Korean

German, French, Italian, Spanish, etc.

🔘 There are two types of power supplies (5 V DC/24 V DC) and two types of communication (RS232C/RS422). Connection with PLCs of a variety of manufacturers is possible. (Please refer to the compatible PLC list.)

*1: Compared with our products. Not guaranteed in all cases.
*2: When the panel thickness is 5 mm, the screw head of the mounting bracket protrudes 4 mm.
*3: Refers to and displays external clock data. (Not provided with a built-in clock function.)

*4: Compared with GT10.
*5: If your operating system is Windows 2000 or XP, the above languages can be displayed on one screen at a time.
    With other operating systems, the screen creation tool "Terminal GTWIN English Version" is required, and the operating system's language must be the one you want to display.
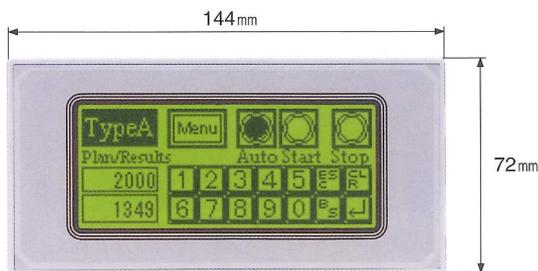
The 4-inch wide screen serves as a message display and control panel in small spaces.

4 inch mono-chrome	3 color LED	16 chars. ×6 lines	160×64 dots	Matrix switch 20x8	RS232C	Pass-through function	24V DC

CE c(UL)us
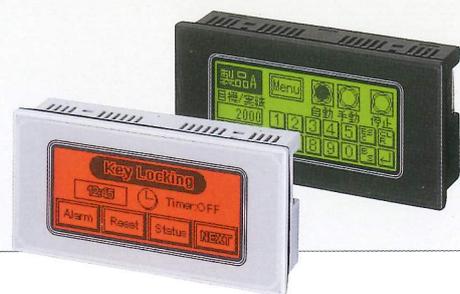
The 4-inch wide screen serves as a display and control panel.

Small in size but features a high-resolution touch panel with 20 horizontal and 8 vertical segments, allowing you to freely position many switches. The screen is wide enough to use in split mode, which extends the variety of uses.

144mm

72mm

Ultra-thin body with a 32-mm depth

The panel depth is only 32 mm (including the mounting bracket). This ultra-thin body saves space for installation.

32mm

Excellent maintainability

The backlight source is LEDs, which require no troublesome replacement work.
In addition, battery replacement is not required because screen data is stored in flash ROM, and the other data is backed up* by a built-in secondary battery.
You can use it for a long time with minimum maintenance.
*10 days or more on a full charge. (Varies with your operation conditions.)

Displays up to 96 TrueType font characters.

Display of 10 x 10 dot characters was achieved by adopting TrueType fonts. This substantially increased the number of characters that can be displayed on the screen at a time to 6 lines at 16 characters per line. It also increased the flexibility in the size of parts, such as switches, allowing detailed screen display designs.

Arial font
Fixed font
True Type font
Times New Roman
From 10 to 64 point available

Supports either a portrait or landscape display.

The portrait or landscape display can be switched by a simple setting on GTWIN.
This allows you to install the display unit in any place you want without affecting the target equipment design.
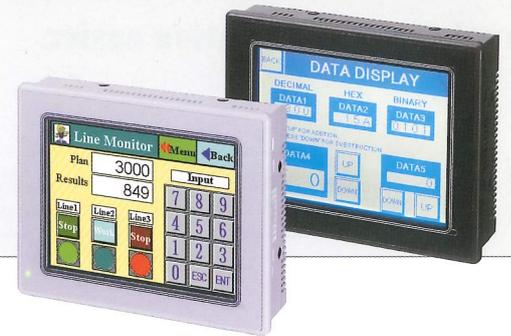
Features a pass-through function useful for debugging (Refer to GT01.)

Equipment status display by the 3-color LEDs (Refer to GT01.)

Multilingual (Refer to GT01.)

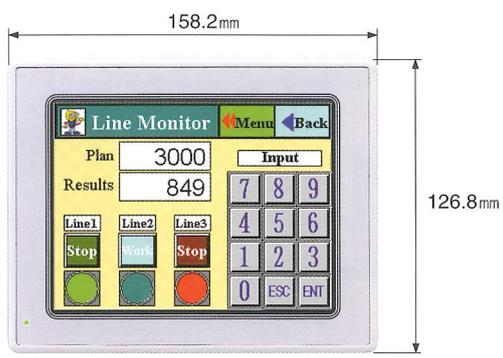# The 5.7-inch STN color screen dresses up the control panel.

5.7 inch STN color/ monochrome	16 colors (GT30C)	White/ Blue (GT30M)	32 chars. ×24 lines	320× 240 dots	Matrix switch 16x12	RS232C	Pass-through function	24V DC

Bright and highly visible display

Both the 16-color type and the blue monochrome type provide top brightness in the mid-size range.

158.2mm

126.8mm

Beautiful TrueType font characters

With TrueType fonts, the screen displays beautiful characters.
A wide range of character sizes can be selected from 10 x 10 dots to 64 x 64 dots, allowing flexible screen designs.

10 point Arial font
13 point True Type font
Fixed font
24 point Times New Roman font
:
48 point
64 point

Compact body with a 41-mm depth and a narrow frame

The depth is only 41 mm. This thin body saves space for installation.
The LCD frame is also narrow, contributing to the total size reduction of the body.

Narrow frame

41mm

Long-life backlight

The backlight can last as long as 50,000 hours (at room temperature and humidity).
You have almost no need to replace the backlight. Of course, the backlight can be replaced on site.
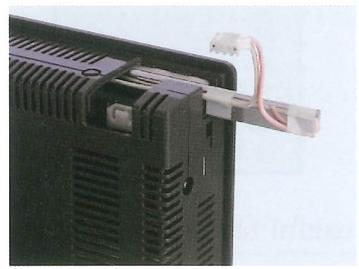
Alarm list for record management

Alarm activation, check, and recovery can be recorded and displayed.

ERROR HISTORY / LINE A
yy/MM/dd 24:00:00 TRIG. Air Failure
yy/MM/dd 24:00:00 TRIG. Voltage Dec.
yy/MM/dd 24:00:00 TRIG. Detect Error
yy/MM/dd 24:00:00 TRIG. Pressure Error
yy/MM/dd 24:00:00 TRIG. Line 1 Error
yy/MM/dd 24:00:00 TRIG. Line 2 Error
yy/MM/dd 24:00:00 TRIG. Line 3 Error
yy/MM/dd 24:00:00 TRIG. Line 4 Error
yy/MM/dd 24:00:00 TRIG. Low Torque
UP   DOWN   Back
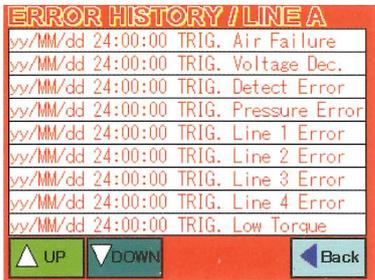
Features a pass-through function useful for debugging (Refer to GT01.)

The device wiring function reduces your workload for creating PLC ladder diagrams.

Alarm activation, check, and recovery can be recorded and displayed.

5

GTWIN Ver.2

The user-friendly interface makes screen creation easier.

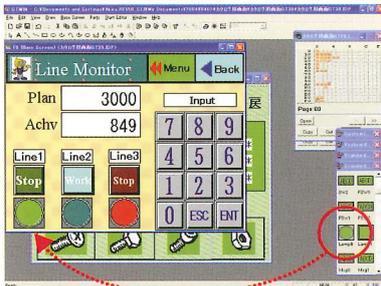| WIN 95	WIN 98/Me	WIN 2000	WIN NT	WIN XP	Required disk space 50 MB min

NAiS Terminal GTWIN Ver.2.0

Simply drag and drop parts.

You can easily create screens by just dragging parts from the library and dropping them anywhere you want.
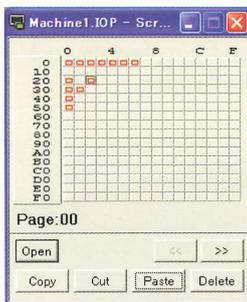

Just drag and drop your original parts to be registered.

You can also register your preset original parts easily by drag-and-drop operations.
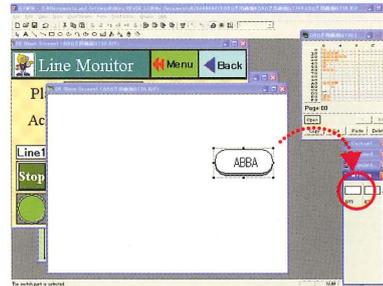

Screen creation status at a glance.

The screen manager function shows you the created screens and blank screens in an easy-to-check form. The screens can also be displayed by title.

Easy copying of screen data between files

The screen manager function allows you to easily copy screen data from one file to another.
With this function, you can use your past work and share screen creation work with other operators.
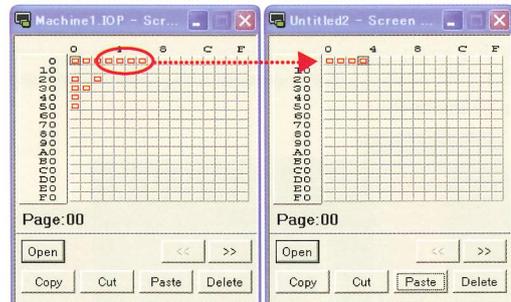
What a useful function! - Batch parts editing

You can display an attribute list of parts placed on screens and directly modify them in the list.
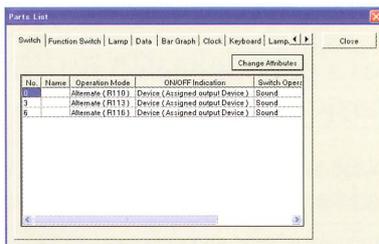
Screen copy in bitmap form

You can output screen images in bitmap form and use them in off-the-shelf applications. This is useful for preparing equipment operation manuals.

Firmware upgrading function (GT01 only)

Before transferring screen data, tick "Automatic firmware update" to automatically upgrade the display if the display version is older than the firmware version in GTWIN.
You can keep the firmware version upgraded by using the latest version of GTWIN.

You can download a trial version of GTWIN Ver. 2 from the following Website. (Login as NAIS FAN members is required.)
http://www.nais-j.com/plc/uacs/plc_dl_soft.html

Unit: mm

GT01

When the panel thickness is 5 mm

Mounting panel

24
2 (Packing)
4
66

4
1

37.7 (Display)
72
74.5 (Display)
110

104
8

9.5
45

Panel cutout dimensions

105.0
67.0

Applicable panel thickness:
1.0 mm to 5.0 mm

GT10

144
97 (Display)
4
32
2 (Packing)

40 (Display)
72

8.5
138.0
80
65.8
60
9.6

Panel cutout dimensions

139.0
67.0

Applicable panel thickness:
1.0 mm to 6.0 mm

GT30

117 (Display)
126.8
88 (Display)
158.2

4.4
38.0
3.1

(8)
Mounting bracket

118.8
150.2

Panel cutout dimensions

150.5
119

Applicable panel thickness:
1.0 mm to 5.0 mm

Model	Rated voltage	Communication port	Order No.		PLC connection cable
GT01	5V DC	RS232C	<Ash gray> Order No.: AIGT0030H1	<Black> Order No.: AIGT0030B1	Cable (2 m) for direct connection to the TOOL port of FP-e/FP0/FPΣ/FP2/FP2SH/FP-M 5-pin mini-DIN connector — 4 single wires + Shielding wire Order No.: AIGT8142 Note: This cable is for GT01, and power is supplied through the TOOL port.
		RS422 (RS485∗)	<Ash gray> Order No.: AIGT0032H1	<Black> Order No.: AIGT0032B1	Cable (2 m) for direct connection to the Mitsubishi Electric FX Series 8-pin mini-DIN connector — 6 single wires + Shielding wire Order No.: AIGT8152 Note: This cable is for GT01, and power is supplied through the TOOL port.
	24V DC	RS232C	<Ash gray> Order No.: AIGT0030H	<Black> Order No.: AIGT0030B	Cable (2 m) to connect GT01 (24 VDC type) to our PLC 5-pin mini-DIN connector — 3 single wires Order No.: AIGT8162
		RS422 (RS485∗)	<Ash gray> Order No.: AIGT0032H	<Black> Order No.: AIGT0032B	—
GT10	24V DC	RS232C	<Ash gray> Order No.: AIGT1000H	<Black> Order No.: AIGT1000B	Cable (2 m) for direct connection to the TOOL port of FP-e/FP0/FPΣ/FP2/FP2SH/FP-M 5-pin mini-DIN connector — 3 single wires + Shielding wire Order No.: AIGT8192
GT30M	24V DC	RS232C	<Ash gray, STN monochrome LCD> Order No.: AIGT3100H	<Black, STN monochrome LCD> Order No.: AIGT3100B	Cable (2 m) for connection to the COM. port of FP1/FP2/FP2SH/FP-M/FP10SH, TOOL port of FP10SH, and computer communication unit of FP2/FP3 9-pin D-SUB connector — Open wire Order No.: AIGT81842
GT30C			<Ash gray, STN color LCD> Order No.: AIGT3300H	<Black, STN color LCD> Order No.: AIGT3300B	
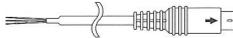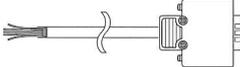
∗For connection by RS485, refer to the Manual.

Screen data transmission cable (for DOS/V computers)	Terminal GTWIN Ver.2

9-pin D-SUB connector —
5-pin mini-DIN connector (L type: 3 m)
Order No.: AFC8503

*One cable is included in the Terminal GTWIN Ver. 2 Japanese Version Tool Kit.

9-pin D-SUB connector —
5-pin mini-DIN connector (Straight type: 3 m)
Order No.: AFC8503S

Japanese Version Tool Kit includes:
GTWIN CD-ROM
Screen data transmission cable (AFC8503)
GT Series Introduction Manual
Order No.: AIGT8000V2

English Version Tool Kit includes:
GTWIN CD-ROM
GT Series Hardware manual (English Version)
Order No.: AIGT8001V2

Upgrade Version (Japanese)
Upgrades Terminal GTWIN
Ver. 1 to Ver. 2.
Order No.: AIGT8000V2R

Upgrade Version (English)
Upgrades Terminal GTWIN
Ver. 1 to Ver. 2.
Order No.: AIGT8001V2R

PLC connection cable
AIGT8142

FPΣ

PLC connection cable
AIGT8512

Mitsubishi Electric FX Series

Options

■GT01 panel face protection sheets
GT01 panel face protection sheets
(for replacement)
10 sheets in a set
Order No.: AIGT080

■GT01 mounting parts
5 sets of GT01 mounting parts
(4 parts/set)
Order No.: AIGT083
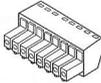
■GT01 connectors
GT01 COM. port connectors
5 connectors in a set
Order No.: AIGT084

■GT10 panel face protection sheets
GT10 panel face protection sheets
(for replacement)
10 sheets in a set
Order No.: AIGT180
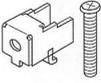
■GT10 mounting parts
5 sets of GT10 mounting parts
(4 parts/set)
Order No.: AIGT183

■GT10/30 connectors
GT10/30 COM. port connectors
5 connectors in a set
Order No.: AIGT080

■GT30 panel face protection sheets
10 sheets in a set
Order No.: AIGT380

■GT30 replacement backlight
Replacement backlight for GT30
color/monochrome LCD
Order No.: AIGT382

■GT30 mounting parts
5 sets of GT30 mounting parts
(2 parts/set)
Order No.: AIGT383
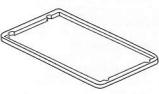
■Waterproof packing
Waterproof packing (for replacement),
10 pieces in a set
GT01 Order No.: AIGT081
GT01 Order No.: AIGT081
GT01 Order No.: AIGT081

Compatible PLC list

GTWIN Ver. 2.45 (as of January 2004) ○: Compatible ×: Not compatible

PLC model \ GT model	GT01	GT10	GT30 (Monochrome/Color)
Matsushita Electric Works FP Series	○	○	○
Mitsubishi Electric MELSEC-FX Series	○	○	○
Mitsubishi Electric MELSEC-FX2N/FX3UC*1 Series	○	○	○
Mitsubishi Electric MELSEC-A (Calculator-linked) Series	×	○	○
Omron SYSMAC-C Series	○	○	○
ALLEN-BRADLEY DF1 Protocol	×	○	○
Siemens S7-200 Series	○	○	○
LG MASTER-K (Cnet) Series	×	○	○
Modbus (RTU Mode)	○	○	○
Toshiba Machine PROVISOR TCmini Series	○	○	×
Yokogawa Electric FA-M3 Series	×	○	○
General-purpose serial interfaces (Purpose-built boards/Other controllers)	○ Command response*2	○	○

*1: The usable address range is that of FX2N.
*2: Notes for using the general-purpose serial communication mode of GT01
    GT01 control signals (RS, CS) are not available. Note the following points when you use Duplex 1 or Duplex 2.
    • Commands transmitted from a microprocessor board during a GT01 data transmission cannot be accepted.
    • When there is no response from GT, retry the command transmission.

Specifications and Product Types

Specifications

Item	GT01 specifications				GT10 specifications	GT30 specifications	
	AIGT0030B1 AIGT0030H1	AIGT0032B1 AIGT0032H1	AIGT0030B AIGT0032H1...	AIGT0032B AIGT0030H		Monochrome LCD type	Color LCD type
Rated voltage	5 V DC		24 V DC		24 V DC	24 V DC	
Operating voltage range	4.5 V DC to 5.5 V DC		21.6 V DC to 26.4 V DC		21.6 V DC to 26.4 V DC (25 V DC max. if installed horizontally at 40°C)	21.6 V DC to 26.4 V DC (25 V DC max. if installed horizontally at 50°C)	
Power consumption	1 W max.	1.1 W max.	2 W max.		5 W max.	10 W max.	
Ambient temperature	0°C to 50°C				0°C to 40°C	0°C to 50°C	
Ambient humidity	25% RH to 85% RH (No dew condensation)						
Storage temperature	-20°C to 60°C						
Storage humidity	10% RH to 85% RH (No dew condensation)						
Vibration resistance	10 Hz to 55 Hz (1-minute cycle): Conforms to JIS C0040 Double amplitude: 0.75 mm, 10 minutes in each of the X, Y, and Z directions						
Shock resistance	98 m/s² min: Conforms to JIS C0041 4 times in each of the X, Y, and Z directions						
Superposed noise suppression	1,000 V [P-P] min, pulse width of 50 ns, 1 ms between power supply terminals (by a noise simulator) ∗ AIGT0030B1/AIGT0030H1: When the ferrite device supplied with our PLC connection cable (AIGT8142) is mounted						
Environmental resistance	IP65 (in the initial stages) Dust-proof and drip-proof from the front of the panel only (Rubber packing is attached to the panel contact surface.) ∗ When reattaching the panel, replace the waterproof packing.						
Mass	Approx. 160 g				Approx. 260 g	Approx. 440 g	
Display — Display device	STN monochrome LCD				STN monochrome LCD	STN monochrome LCD	STN color LCD
Display — Resolution	128 (W) x 64 (H) dots				160 (W) x 64 (H) dots	320 (W) x 240 (H) dots	
Display — Display color	Two colors (black/white)				Two colors (black/white)	Two colors (blue/white)	16 colors
Display — Displayable area	70.38 (W) x 635.18 (H) mm				92.8 (W) x 37.1 (H) mm	117 (W) x 88 (H) mm	
Display — Backlight	3-color LED backlight (green, red, orange) ∗ No need for replacement				3-color LED backlight (green, red, orange) ∗ No need for replacement	CFL ∗ Average life: 50,000 hours (25°C)	
Functions — Font types	Fixed font: 8 x 8, 16 x 8, and 16 x 16 dots Characters can be displayed in the original, doubled, or quadrupled width or height. TrueType fonts, Windows fonts						
Functions — Languages	Japanese, English, European languages, Simplified Chinese, Traditional Chinese, Korean						
Functions — Graphics	Straight lines, continuous straight lines, squares, circles, ovals, arcs, elliptic arcs, fan shapes, elliptic fan shapes, beveled squares, bitmaps						
Functions — Number of screens	Approx. 160 screens Screen No. that can be set: Base screens No. 00 to FF				Approx. 160 screens Screen No. that can be set: Base screens No. 00 to FF	Approx. 220 screens (Monochrome LCD type) Approx. 160 screens (Color LCD type) Screen No. that can be set: Base screens No. 00 to 3FF	
	The number of screens that can be registered varies according to the registered contents.						
Functions — Part functions	Messages, lamps, switches, data, bar graphs, clocks (∗), keyboards, and line graphs				Messages, lamps, switches, data, bar graphs, clocks, keyboards		
Functions — Clock function	(∗): Refers to and displays external clock data. (Not provided with a built-in clock function.)				Provided with a built-in clock function. (Can also refer to and display a PLC clock.)		
Functions — Contrast adjustment	Contrast can be adjusted by using the touch panel.						
Functions — Automatic communication settings	The communication conditions of dedicated software and PLC can be automatically set by connecting a cable.						
Functions — Debugging function	Pass-through function (PLC can be debugged from a personal computer by connecting the computer to the TOOL port and the PLC to the COM. port.)						
Functions — Screen creation	Dedicated software should be used. Applicable OS: Windows 95 (OSR2 or later)/98/Me/2000/NT/XP						
Touch key resolution	Free layout (8 dots min)				20 (W) x 8 (H)	16 (W) x 12 (H)	
Touch key operation force	0.5 N max				0.98 N max	0.98 N max	
Touch key life	1 million operations min						
COM. port — Communication standard	Conforms to RS232C	Conforms to RS422	Conforms to RS232C	Conforms to RS422	Conforms to RS232C	Conforms to RS232C	
COM. port — External communication conditions	Baud rate: 9,600/19,200/38,400/57,600/115,200 bits/s				Baud rate: 9,600/19,200/38,400/57,600/76,800/115,200 bits/s	Baud rate: 9,600/19,200/38,400/57,600/115,200 bits/s	
	Data bits: 7 or 8 bits Parity: None, Odd, Even Stop bits: 1 bit						
COM. port — Protocol	Our FP series supported/General-purpose serial interface supported/Other companies' PLC supported (Refer to the compatible PLC list for manufacturers and models.)				Our FP series supported/General-purpose serial interface supported/Other companies' PLC supported (Refer to the compatible PLC list for manufacturers and models.)		
COM. port — Connector	Connector terminal base (8 pins)				Connector terminal base (5 pins)	Connector terminal base (5 pins)	
TOOL port — Communication standard	Conforms to RS232C						
TOOL port — Communication conditions with personal computers	Baud rate: 9,600/19,200/115,200 bits/s Data bits: 8 bits Parity: None, Odd, Even Stop bits: 1 bit						
TOOL port — Protocol	Our dedicated protocol						
TOOL port — Connector	5-pin mini-DIN						

Memory

Screen data and GTWIN configuration setting data

Item	GT01 specifications	GT10 specifications	GT30 specifications	
			Monochrome LCD type	Color LCD type
User's memory	F-ROM	F-ROM	F-ROM	F-ROM
Memory capacity	1.5 KB	3.25 KB	1.5 MB	3.25 MB

Clock data and PLC device storage data (24 words max)

Item	GT01 specifications	GT10 specifications	G310 specifications
Memory	–	SRAM	SRAM
Memory backup	–	Backed up by the built-in secondary battery (charged when the power is on) Note: Before turning the power on, turn "ON" operation mode setting switch No. 1 at the rear of the unit.	Lithium battery (replaceable) (CR2032, commercially available)

Models and prices

Produce name	Description				Order No.
GT01: Main unit	STN monochrome LCD	5V DC	RS232C type	Black	AIGT0030B1
				Ash gray	AIGT0030H1
			RS422/RS405 type	Black	AIGT0032B1
				Ash gray	AIGT0032H1
		24V DC	RS232C type	Black	AIGT0030B
				Ash gray	AIGT0030H
			RS422/RS485 type	Black	AIGT0032B
				Ash gray	AIGT0032H
GT10: Main unit	STN monochrome LCD	24V DC	RS232C type	Black	AIGT1000B
				Ash gray	AIGT1000H
GT30: Main unit	STN monochrome LCD	24V DC	RS232C type	Black	AIGT3100B
				Ash gray	AIGT3100H
	STN color LCD		RS232C type	Black	AIGT3300B
				Ash gray	AIGT3300H
Terminal GTWIN Ver. 2 Japanese Version Tool Kit	Composed of: •Screen creation tool "Terminal GTWIN Ver. 2 Japanese Version" (CD-ROM) •Screen transmission cable (AFC8503, for DOS/V computers) •GT Series Introduction Manual (Japanese Version)				AIGT8000V2
Terminal GTWIN Ver. 2 English Version	Composed of: •Screen creation tool "Terminal GTWIN Ver. 2 English Version" (CD-ROM) •GT Series Hardware Manual (English Version)				AIGT8001V2
Terminal GTWIN Upgrade Version	Upgrades the screen creation tool "Terminal GTWIN Ver. 1" to "Ver. 2".			Japanese Version	AIGT8000V2R
				English Version	AIGT8001V2R
PLC direct connection cable	Cable (5-pin mini-DIN connectors, 2 m) for direct connection between GT01 (5 V DC/RS232C type) and the TOOL port of our PLC (FP-e/FPΣ/FPS/FP2/FP2SH/FP-M)				AIGT8142
	Cable (8-pin mini-DIN connectors, 2 m) for direct connection between GT01 (5 V DC/RS422 type) and the Mitsubishi Electric FX Series				AIGT8152
PLC connection cable	Cable (One end: 5-pin mini-DIN connector, The other end: Open wire, 2 m) to connect GT01 (24 V DC type) to our PLC				AIGT8162
	Cable (One end: 5-pin mini-DIN connector, The other end: Open wire, 2 m) for direct connection between GT10/30 and the TOOL port of our PLC (FP-e/FP0/FPS/FP2/FP2SH/FP-M)				AIGT8192
	Cable (One end: 9-pin D-SUB connector, The other end: Open wire, 2 m) for connection to the COM. port of FP1/FP2/FP2SH/FP-M/FP10SH, TOOL port of FP10SH, and computer communication unit of FP2/FP3				AIP81842
Screen transmission cable	Screen data transmission cable between GTWIN and GT series displays (One cable is included in the Terminal GTWIN Ver. 2 Japanese Version Tool Kit.)				AFC8503
	Screen data transmission cable (5-pin mini-DIN straight type) between GTWIN and GT series displays				AFC8503S
Panel face protection sheets	GT01 panel face protection sheets 10 sheets in a set (option)				AIGT080
	GT10 panel face protection sheets (for replacement) 10 sheets in a set * One sheet is factory-attached to the GT panel.				AIGT180
	GT30 panel face protection sheets (for replacement) 10 sheets in a set * One sheet is factory-attached to the GT panel.				AIGT380
Waterproof packing	GT01 waterproof packing (for replacement) 10 pieces in a set * One piece is factory-attached to the GT panel.				AIGT081
	GT10 waterproof packing (for replacement) 10 pieces in a set * One piece is factory-attached to the GT panel.				AIGT181
	GT30 waterproof packing (for replacement) 10 pieces in a set * One piece is factory-attached to the GT panel.				AIGT381
Replacement backlight	Replacement backlight for GT30 color/monochrome LCD				AIGT382
Mounting parts	5 sets of GT01 mounting parts (4 parts/set)				AIGT083
	5 sets of GT10 mounting parts (4 parts/set)				AIGT183
	5 sets of GT30 mounting parts (2 parts/set)				AIGT383
Connectors	GT01 COM. port connectors 5 connectors in a set				AIGT084
	GT10/30 COM. port connectors 5 connectors in a set				AIGT184

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