AnyTouch W8 Plus/W9 Plus Series

The Best Touch Panel for Precise Control and Convenient Monitoring

W8 Plus/W9 Plus Series

AnyTouch W8 Plus / W9 Plus Series

AnyTouch

High Performance

Connectivity

Usability

Product Selection

$$W\ \square\square\square\square\ C\ Dp\ \square$$

Symbol	Series
8	W8+ Series
9	W9+ Series

Symbol	Display Size
06	5.7 inch
07	7 inch
10	10.2 inch

Symbol	Functional Specification
None	Standard
i	Advanced

Symbol	Display Specification
C	TFT(WVGA): W907(i)CDp,W910iCDp TFT(QVGA) : W806(i)CDp

Symbol	Functional Specification
D	DC Power

Symbol	Functional Specification
None	Normal
_U004	Coated
_UL	UL

TFT Display Device **SVGA** Display Resolution **64K Color** Display Color

"**Diverse choices of lineup depending on the application**"

		15 inch	12 inch	10 inch	8 inch	7 inch	5.7 inch
V9p Series	Advanced			V910*iWp Series		V907*iWp Series	
	Standard	V9150iXp Series	V9120iSp Series	V9100iSp Series	V9080iSp Series		
	Lite			V9100iCp Series	V9080iCDp		V9060iTDp
W8p Series · UL authentication model is separate.	Standard			W810CDp/ W810iCDp/ W810iCDp_UL		W807CDp/ W807iCDp/ W807iCDp_UL	W806CDp/ W806iCDp
NEW W9p Series · All catalogs are UL authenticated.	Standard			W910iCDp/ W910iCDp_U004		W907CDp/ W907iCDp/ W907iCDp_U004	

W806p Series

Economical Price and the Best Performance

5.7 inch model CE KC cULus LISTED ※4

※4 W806iCDp_UL model only.

QVGA standard model with 65,536 colors

C

AnyTouch

With Ethernet port
W806iCDp

| 5.7 inches | QVGA | 64K color | TFT | LED Backlight | 2ch serial | A·B USB | SD card | Ethernet | Comm unit※ |

Without Ethernet port
W806CDp

| 5.7 inches | QVGA | 64K color | TFT | LED Backlight | 2ch serial | B USB |

Item	W806iCDp/W806iCDp_UL※5	W806CDp
Display Size	5.7 inch	
Display Device	TFT color LCD	
Display Resolution	320 x 240 Dots	
Colors	65,536 color (Drawing S/W : 32K color / 256 color / 128 color / Black)	
FROM	10.5M byte	2.5M byte
SRAM	512K byte	128K byte
Ethernet	1CH Baudrate : 100Mbps, 10Mbps	-
Communication Unit	CUR-xx	-
SD Card	1 slot provided as standard (SD/SDHC Card)	-
USB	Type A, Type mini-B (Ver. 2.0)	Type mini-B (Ver. 2.0)
Serial I/F — D-Sub9 Pin※1	RS-232C/RS-422/RS-485, Asynchronous type, Data length : 7.8 bits, Parity bit : even, odd, none Stop bit : 1, 2 bits, Baudrate : 4800/9600/19200/38400/57600/76800/115200bps	-
Serial I/F — Modular 8 Pin (MJ1/2)	RS-232C/RS-422 (4-wire system)※2/RS-485 (2-wire system), Asynchronous type, Data length : 7,8 bits Parity bit : even, odd, none Stop bit : 1, 2 bits Baudrate : 4800/9600/19200/38400/57600/76800/115200 /187500bps※3	

※1 Optional unit (DUR-00) is required for W806iCDp.
※2 4-wire system for MJ2 only.
※3 When connected with Siemens MPI/PPI port (supported by MJ2 only).
※5 W806iCDp_UL model has the same specification with W806iCDp, only UL authenticated.

Dip switch
SD card slot
Battery holder
Connector for communication unit※ (DUR-00/ CUR-xx)
USB 2.0 slave (Type mini-B)
USB 2.0 host※ (Type-A)
Serial port (MJ1/MJ2)
Power supply terminal
FG terminal for communication
Slide switch (MJ2)
Ethernet port (100BASE-TX/10BASE-T)

※ W806iCDp Only.

Description of icons

| 12.1 inches | Display size (inches) | TFT | STN | Display device | SVGA | Display resolution | 64K color | Display colors | 12.5M FROM | FROM capacity | 512K SRAM | SRAM (byte) | 3ch serial | Serial port | Ethernet | Ethernet 100BASE-TX/10BASE-T |
| COM I/F | Communication unit I/F | CF | CF card I/F | A·B USB | USB I/F | AC power | Power Supply | Analog switch | Matrix switch | Analog switch / Matrix switch | option | Video input | RGB option | RGB input/output | option | Sound output | option | Option |

W907p Series

7 inch Standard Model with Economical Price

7 inch wide model CE KC cULus LISTED

WVGA standard model with 65,536 colors

C

AnyTouch

With Ethernet port
W907iCDp
Ethernet (1Type only)
W907iCDp_U004
Ethernet (1Type only)

Without Ethernet port
W907CDp

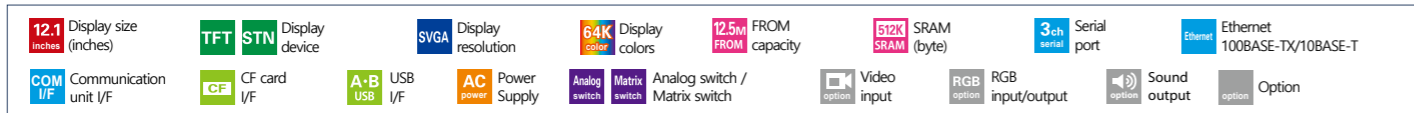| 7.0 inches | TFT | WVGA | 64K color | 26MB FROM | 128KB SRAM | 3ch serial | Master Slave USB | Ethernet (1Type only) | LED Backlight |

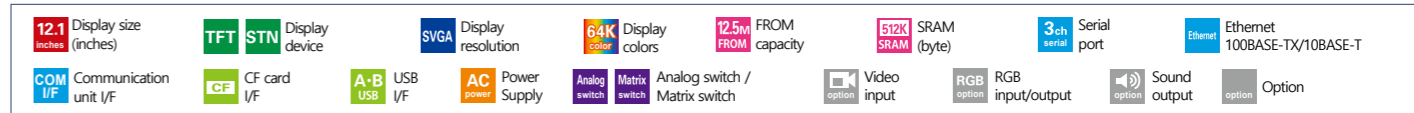| Item	W907CDp	W907iCDp/W907iCDp_U004
Display Size	7.0 inch Wide	
Display Device	TFT color LCD	
Display Resolution	800 x 480 Dots	
Colors	65,536 colors	
FROM	26 MB	
SRAM	128 KB	
Ethernet	-	O (1CH)
USB A	O (1CH)	
USB mini B	O (1CH)	
External Interface — COM1 D-sub 9 Pin (凹)	RS-422/485 (4-wire/2-wire system), Data bit : 7, 8 bits Parity bit : odd, even, none Stop bit : 1, 2 bits Baudrate : 4800/9600/38400/57600/76800/115200 /187500※1 bps	
External Interface — COM2/COM3 D-Sub 9 Pin (凸)	COM2 : RS-232C, COM3 : RS-422/485 (2-wire system) Data bit : 7, 8 bits Parity bit : odd, even, none Stop bit : 1, 2 bits Baudrate : 4800/9600/19200/38400/57600/76800/115200bps	
Compatibility	CE, KC, UL	

※1 When connected with Siemens MPI/PPI port
※2 W907iCDp_U004 model has the same specification with W907iCDp, only coated

COM1 (RS-422/485) D-Sub 9 Pin (Female)
Dip switch
Battery holder
USB mini-B (U-B)
USB cable holding hole
Screw hole
USB-A (U-A)
Ethernet (100BASE-TX/10BASE-T)
COM2 (RS-232C) & COM3 (RS-422/485(2W)) D-Sub 9 Pin (Male)
Power supply terminal

Description of icons

| 12.1 inches | Display size (inches) | TFT | STN | Display device | SVGA | Display resolution | 64K color | Display colors | 12.5M FROM | FROM capacity | 512K SRAM | SRAM (byte) | 3ch serial | Serial port | Ethernet | Ethernet 100BASE-TX/10BASE-T |
| COM I/F | Communication unit I/F | CF | CF card I/F | A·B USB | USB I/F | AC power | Power Supply | Analog switch | Matrix switch | Analog switch / Matrix switch | option | Video input | RGB option | RGB input/output | option | Sound output | option | Option |

W910p Series

10 inch Standard Model with Economical Price

10.2 inch wide model ⟨CE⟩ ⟨KC⟩ ⟨UL LISTED⟩

▋ WVGA standard model with 65,536 colors

AnyTouch

With Ethernet port

W910iCD p [Ethernet]
W910iCD p_U004 [Ethernet]

[10.2 inches] [TFT] [WVGA] [64K Color] [26MB FROM] [128K SRAM] [3ch serial] [Master Slave USB] [Ethernet] [LED Backlight]

Item	W910iCDp/W910iCDp_U004
Display Size	10.2 inch Wide
Display Device	TFT color LCD
Display Resolution	800 x 480 Dots
Colors	65,536 colors
FROM	26 MB
SRAM	128 KB
Ehternet	O (1CH)
USB A	O (1CH)
USB mini B	O (1CH)
COM1 D-sub 9 Pin（凹）	RS-422/485 (4-wire/2-wire system), Data bit : 7, 8 bits Parity bit : odd, even, none　Stop bit : 1, 2 bits Baudrate : 4800/9600/19200/38400/57600/76800/115200 /187500※1bps
COM2/COM3 D-Sub9 Pin（凸）	COM2 : RS-232C, COM3 : RS-422/485 (2-wire system) Data bit : 7, 8 bits　Parity bit : odd, even, none Stop bit : 1, 2 bits　Baudrate : 4800/9600/19200/38400/57600 /76800/115200bps
Compatibility	CE, KC, UL

External Interface / Compatibility

※1　When connected with Siemens MPI/PPI port
※2　W910iCDp_U004 model has the same specification with W910iCDp, only coated

USB 2.0 Master (Type -A)
Dip switch
Battery holder
USB mini-B (U-B)
USB cable holding hole
Screw hole
Power supply terminal
COM1 (RS-422/485) D-Sub 9 Pin (Female)
COM2 (RS-232C) & COM3 (RS-422/485(2W)) D-Sub 9 Pin (Male)
Ethernet (100BASE-TX/10BASE-T)
USB-A (U-A)

Description of icons

[12.1 inches] Display size (inches)	[TFT][STN] Display device	[SVGA] Display resolution	[64K Color] Display colors	[12.5M FROM] FROM capacity	[512K SRAM] SRAM (byte)	[3ch serial] Serial port	[Ethernet] Ethernet 100BASE-TX/10BASE-T
[COM I/F] Communication unit I/F	[CF] CF card I/F	[A·B USB] USB I/F	[AC power] Power Supply	[Analog switch][Matrix switch] Analog switch / Matrix switch	[Video option] Video input	[RGB option] RGB input/output	[Sound option] Sound output / [option] Option

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Expandability (USB master/slave)

High compatibility with peripherals makes for more user-friendliness
All models are equipped with two types of USB interfaces fitted as standard feature.

▋ Slave (USB-mini B)

PLC Ladder Program Transfer
PLC ladder programs can be written or monitored with your PC through the USB port of AnyTouch (W8p/W9p※).
High-speed ladder transfer is possible.

※ The port position differs for each model.

Slave
Master

PC　　Ethernet or USB　　AnyTouch　　Serial　　PLC

Monitoring, Reading/Writing of Ladder proram

※ Please contact to sales person for list of PLC that can be transfer ladder program with AnyTouch.

High-speed Transfer of Screen Program
Large-volume screen program edited by "V-SFT Plus ver.6" configuration software can be downloaded/uploaded at high speed.

AnyTouch　U-B　←Screen program→　PC

PC
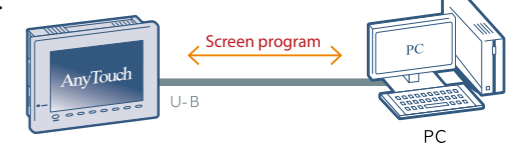
Compatible with "PictBridge" Printers
Supports "PictBridge" for printing digital camera and printer via USB connection. With PictBridge-enabled printers, you can easily print daily, weekly, and other materials on-site.

AnyTouch　Direct printing via USB→　U-B

Printer
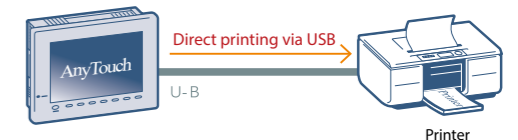
▋ Master (USB-A)※

Card Reader/Writer
Connection with commercially available CF card reader/writer is possible. Convenient for general use in the field.

U-A　AnyTouch
CF Card Reader (USB Memory)　CF Card
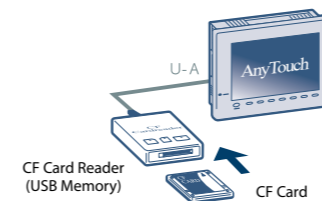
Compatible with USB Keyboard
In addition to conventional software keyboards, a USB keyboard can be also connected. Which facilitates the entry of the large amount of data can be inserted.

AnyTouch　U-A
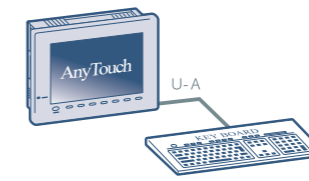
Front mounting interface compatible
In order to take advantage of the characteristics of USB devices, which are often connected and disconnected frequently, we have prepared an interface that allows you to place the USB port in the front.

※ Except W806CDp
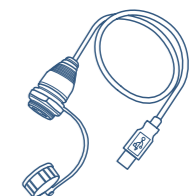
Communication Features

Multi-communication using the gateway functions

It is capable of the connection with up to eight devices by combining Ethernet and serial communication. More advanced and expanded network can be now realized.

8-way Communication ※ Except of module without the Ethernet port

A combination of Ethernet (eight protocols) and serial communication (three protocols)※1, which enables connection among a AnyTouch (W8p/W9p) and up to eight kinds of devices consisting of PLCs and peripherals of different manufacturers.

- Simultaneous communication and data transfer with eight kinds of devices
- Simultaneous monitoring and operation of multiple PLCs and peripherals
- Linkage between a AnyTouch (W8p/W9p) and various devices on the LAN network using the gateway function

※1 W806iCDp with 2 protocols

Network Examples

Example 1 Serial connection (three ports)※1※2

Making a network linked with various automation devices

PLCs and peripherals of up to three kinds of units can be connected by serial connection. Even though two or more types of temperature controllers and inverters are used, they can be connected with one AnyTouch (W8p/W9p).


Inverter
Up to 31 units
Serial
PLC
Serial Serial
Up to 31 units
Temperature Controller
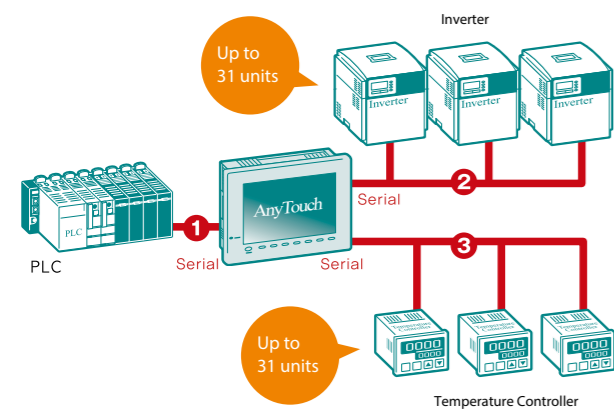
※1 Except W806CDp
※2 W806iCDp can be used only with DUR-00 option

Example 2 Serial connection※1※2 and Ethernet

Integrated management of up to eight kinds of devices

In addition to conventional connection with temperature controllers and PLCs via 2-way serial communication, connection via Ethernet is possible.


Up to 5 devices
Ethernet PLC PLC PLC
LAN
PLC Serial
Serial Inverter
Serial
Servo system
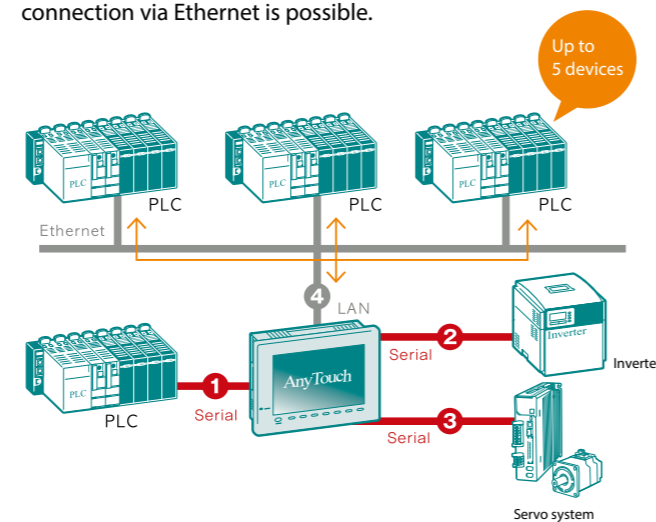
8-way communication offers various functions and boosts your convenience

case 1 Analysis of abnormal data

Integrated management of different manufacturers' PLCs

A production line that contains various manufacturers' equipment has various types of PLCs. By using 8-way communication, you can monitor the condition of all the PLCs through a AnyTouch (W8p/W9p) and analyze trouble at a remote place without visiting the site.

Information on the machines is collected into one *AnyTouch*

PLC A PLC B PLC C PLC D Ethernet
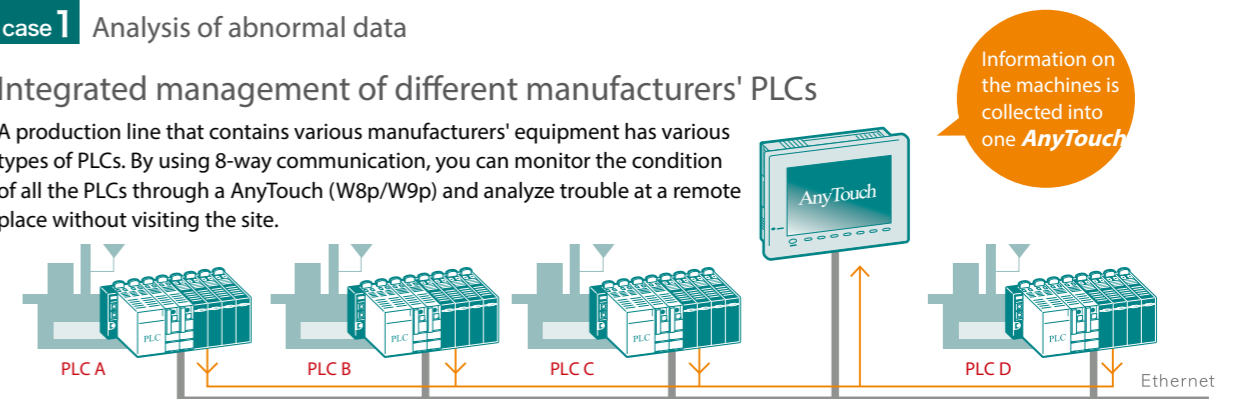
case 2 Connect more than 32 kinds of equipment

Available from large scale system

Use several communication port to connect more than 32 kinds of equipment. Even when the system consists of more than 32 kinds of equipment including temperature controller and inverter, it is possible to read and write the data through 8-way communication of AnyTouch (W8p/W9p).

For sampling For operation/monitoring
Serial Serial
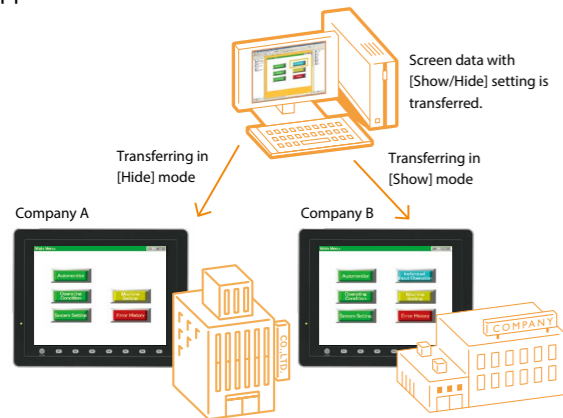PLC
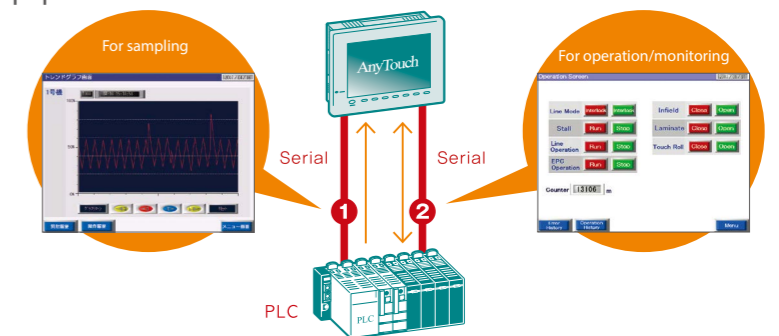
Easy Configuration

Highly Functional Switches

Switches with various functions are standardized, No macro or PLC ladder programming is required.

Indication according to individual production sites needs

Static conditional visibility

You can set whether or not to show an item while creating a screen, item by item. One screen data can be utilized for different applications.

Screen data with [Show/Hide] setting is transferred.

Transferring in [Hide] mode

Transferring in [Show] mode

Company A

Company B

Display of memory status

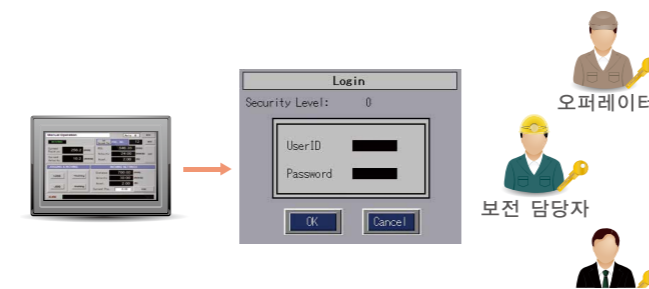Status of display item can be changed according to status of memory.

Conditional visiblity according to the security level

1. It can be displayed differently according to the level of security according to the operator such as maintenance engineer and operators.

Display for maintenance engineer

Display for operators

Different indication according to the security level

2. You can set the security level according to the entered password by dividing the security level (16 steps).

Login

Security Level: 0

UserID

Password

OK   Cancel

오퍼레이터

보전 담당자

Best Performances & Convenient Functions

Convenient functions to meet users' demands

Large capacity of flash memory, SRAM and many other functions for more user friendliness

Operation Log

Record chronological on-screen input, from switch operations to numerical inputs. By using the password function together, you can easily analyze the history and the anomalies of who / when / what / how.

W9 Plus Series

BIN file
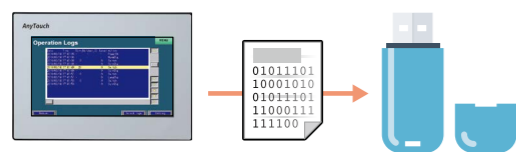
Save history logs as a binary file. No risk of data tampering.

26MB Flash memory

Approximately 26MB flash memory is installed as standard. Without including the external memory card, user can freely design and layout the screen data

※ Except W806(i)CDp

128KB SRAM as standard

Approximately 128KB backup memory is installed as standard. The ability to backup historical data such as sampling data, operation information and alarm information is greatly imporved, which is effective for information management required by ISO. User can also use it freely with urser memory.

※ 512KB for W806iCDp

V-SFT PLUS Ver.6

Imporoved in visibility and operability makes more perfect implement of screen with only a simple operation.
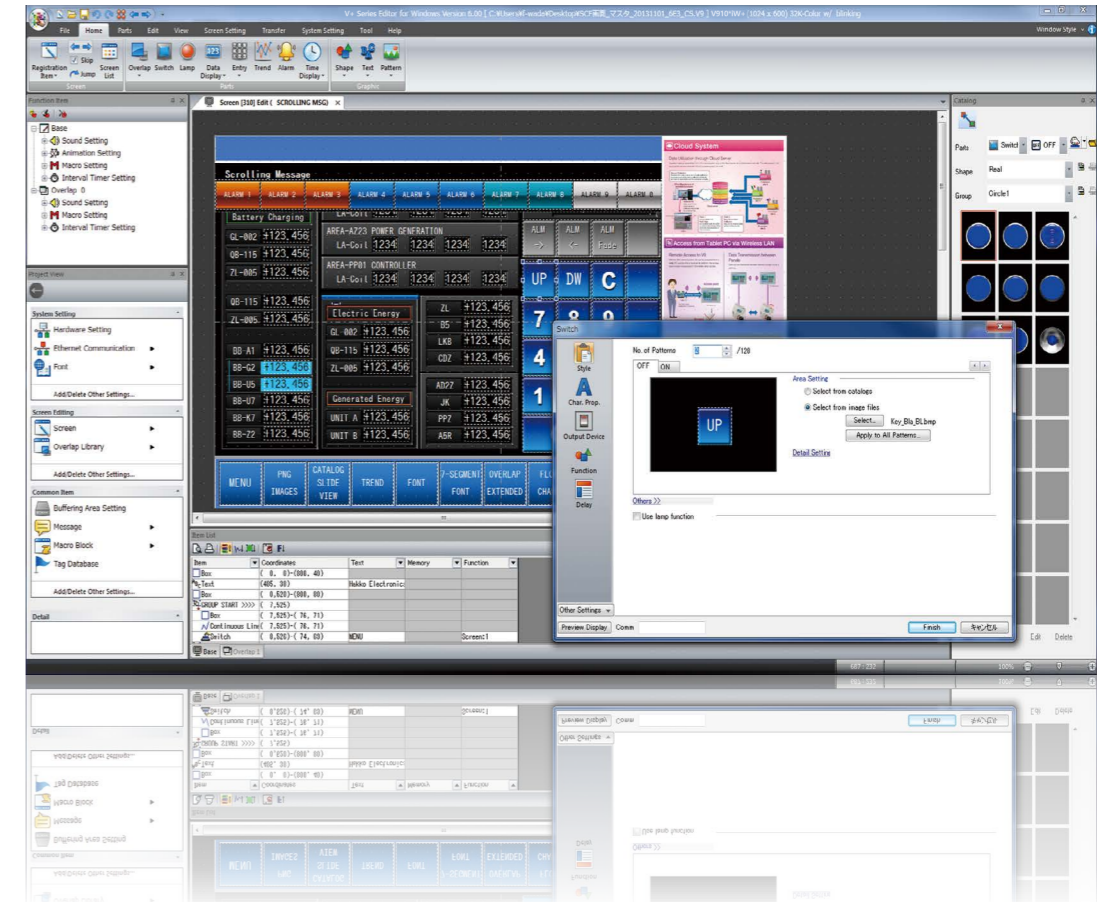
Item	Specifications
PC	PC/AT compatible machine with Windows
OS※1	Windows XP / XP 64bit Edition / Vista 32bit / Vista 64bit / Win7 32bit / Win7 64bit / Win8 32bit / Win8 64bit / Win8.1 32bit / Win8.1 64bit / Win10 32bit / Win10 64bit
CPU	Pentium 4 2.0GHz (Pentium 4 2.0GHz or higher is recommended)
Memory	20GB or higher
Hard Disk	For installation : 2.0GB or more available space
Disk Driver	DVD-ROM Drive
Display	Resolution 1024 × 768 (XGA) or higher
Color Indication	High Color (16bit) or higher
Others	Microsoft .NET Framework 4.0 or 4.5 is required (When .NET Framework 4.0 or 4.5 has not been installed in PC, Framework 4.0 is installed automatically.)

※ For installing the OS, administrator authority is required.
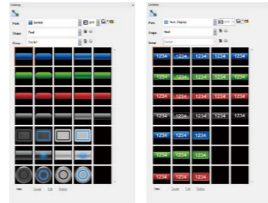
Upgraded Beautiful GUI

Wider Range of Parts

New plain part has been added with the update of previous Real/Sign part. Possible to make stylish and beautiful display with only the part that is built already.

● Newly added the plain part

Popular simple icons that are used widely on smartphones have been introduced.

● Increased REAL parts

The number of the REAL parts has been increased.

Line Width Setting

The line widths of graphic items and trend items (graph lines, reference lines) can now be set in eight steps. Effective screens can be created using a variety of drawing tools and graph representations.

1 point
2 points
3 points
4 points
5 points
6 points
7 points
8 points

※ Excluding thick lines

Pasting of an Image File

User can paste image data in PNG format, which is light in weight and hard to deteriorate, directly on the screen. In addition to the PNG format, you can attach JPG, BMP, and GIF images directly, so can easily create a clean image using image data.
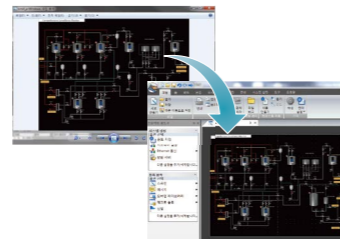
Copy / Paste of Microsoft Office

Graphics created in Microsoft Office Word, Excel and PowerPoint can be copied and pasted into V-SFT Plus files by converting them to pictures, patterns or parts.

복사

붙여넣기
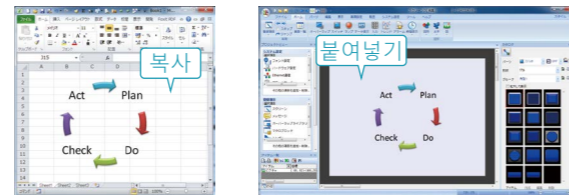
Compatibility with Previous Models

Support of converting from the old models

User can convert the old model screen data created in the previous version V-SFT Plus to the current model as it is. Possible to utilize the old model screen data assets. (Editable for all models, V9p series, V8p series, W8p series and W9p series)

Formal models
GD-80   V4   V6
V7   V8+

Conversion
Screen program
V9p series

W8p series
Conversion
Screen program
W9p series

※ Impossible to convert from V Plus series to W Plus series   ※ Except of W806(i)CDp (Compatible with V806p series)

Upgraded Operation

Ribbon Menu

The ribbon-shaped menu bar is available. Enlarged icons are easily visible also improves the operability remarkably.

[Home menu]   [Edit menu]

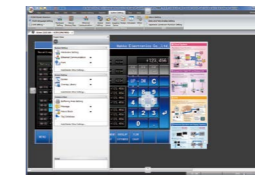[Part menu]   [Display menu]

Configuration Menu of the Connected Device

Can be recognized instantly the hardware setting menu from connected devices on V9p, W8p, W9p series.

Docking Windows

The project view windows and item view windows can be docked or floated easily.

Integration of Search Menu

The search menu, which used to be displayed sperately, has now been integrated for easy operation.

Character String Table (V9p series)

Text for switches, lamps and other parts can be managed centrally using the character string table. Frequently used text can be registered in the table for easy reference and batch modification.
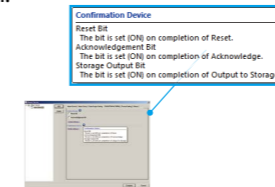
※ Switches, lamps, text and multi text only.
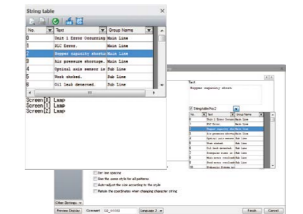
Facilitation of Screen

Tool Hints to Support Configuration

Tool hits are provided at many points to support configuration. When user hover the mouse over the item, a hint for operation will appear. User can learn the procedure for configuration without referring to the manual.

Confirmation Device
Reset Bit
The bit is set (ON) on completion of Reset.
Acknowledgement Bit
The bit is set (ON) on completion of Acknowledge.
Storage Output Bit
The bit is set (ON) on completion of Output to Storage.

Guided Setting Process

With the help of the clear instructions in the dialog, setting can be conducted smoothly and collectively.
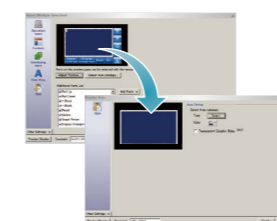
A Wider Range of Colors for Parts

65,536 colors are availble for components parts.
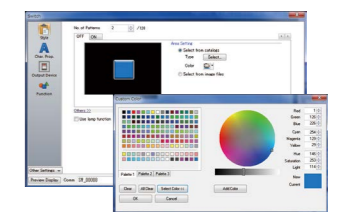
Direct Editing with the Item View

In the item view, an indication range and component parts consisting of various parts including switches are selected. Since there is no need to select various items respectively, smooth and efficient editing is possible.

Trend Sampling

Chronologically records a broad-range of data that changes over time to display as trend graphs.

· Enlarged Display Support : Enlarge the display for a particular area of the screen to verify changing waveforms of trend graphs in even more detail.
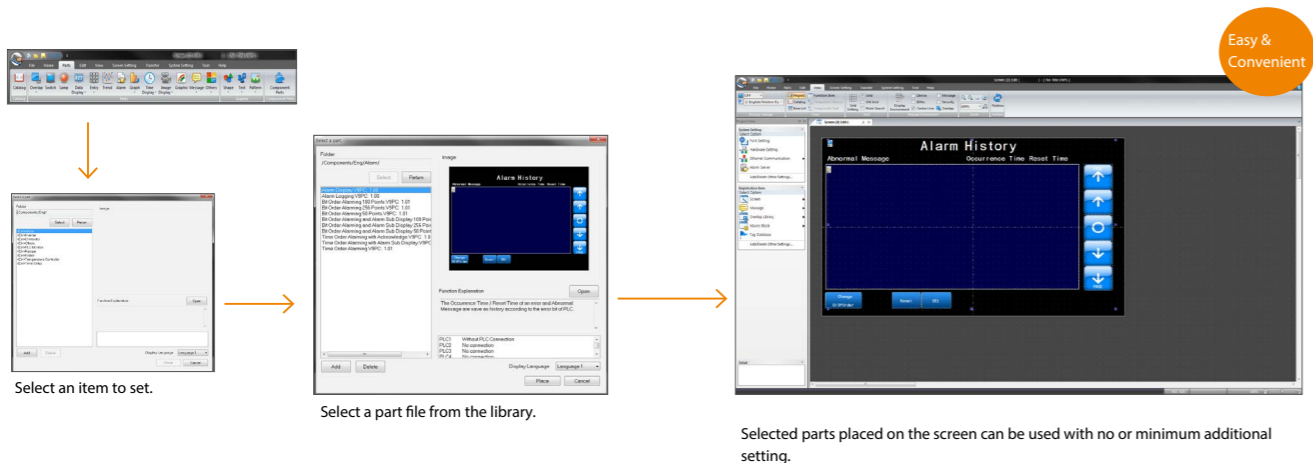
Larger
Smaller
[No zoom]   [2 times]

Larger
Smaller
[4 times]   * Up to 8 times
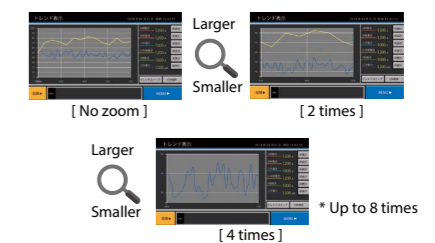
Drawing Software

"Component Parts" facilitate screen configuration

Convenient tool assists user in creating functional screens instantly.

Component Parts   First in Industry

In "Component Parts" various functions and macros have been arranged according to purpose. User can create a functional screen instantly by simply selecting a "Component Parts" from the parts list and placing it on the screen.

Easy & Convenient

Select an item to set.

Select a part file from the library.

Selected parts placed on the screen can be used with no or minimum additional setting.

Point 1 Easy Screen Configuration

User can create multifunctional screens using integrated "Component Parts" when arranging on a screen that contains other messages or setting windows, a "Component part" can be used regardless of overlapping of settings or windows.
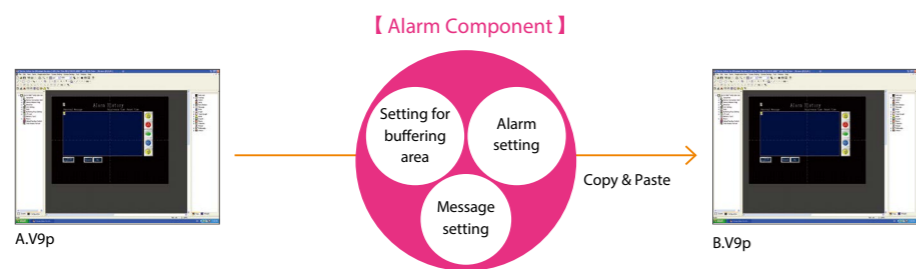
"Component Parts" for temperature controllers

+

Parameter setting screen	Trend screen	Alarm screen
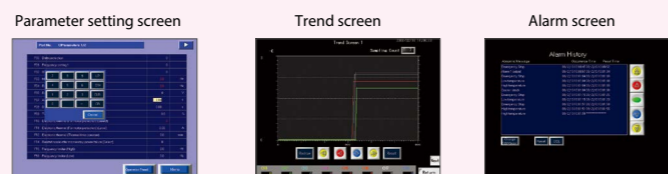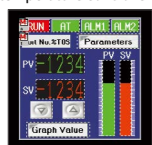
These screens can be used simply by placing a Component part.

Point 2 Easy Utilization of Resource

"Component Parts" contain all necessary settings for operation, therefore do not need any additional setting when used on other displays. They can be used simply by copying and pasting.
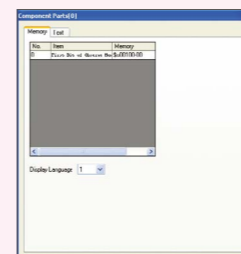
【 Alarm Component 】

Setting for buffering area

Alarm setting

Message setting

A.V9p

Copy & Paste

B.V9p

"Component Parts" can be used on other displays simply by copying and pasting, since all settings are collectively copied.

Point 3 Simply Setting View

After placing "Component Parts" they can be easily used simply by setting addresses and texts.
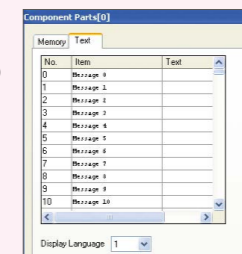
【 Example of Setting View 】 ("Component Part" for alarm history)

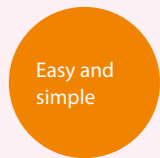Example of Setting View ("Component Part" for alarm history)

Set an address for alarm monitoring.

Memory setting

Set a text for each alarm message

Text setting

Easy and simple

All settings for alarm history can be edited in one menu.

Point 4 Batch Change of Addresses/Texts

When the same address or text is used for multiple screens, all the settings can be changed simultaneously on the setting view simply by registering it in the address/text table of a "Component Part"

【 Memory Setting 】

Only items to be changed are listed.

Screen 1

Screen 2
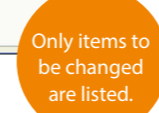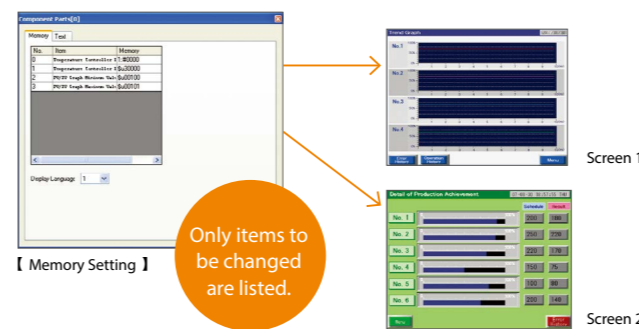
Point 5 Authorization by Passwords

Setting a password for a "Component Part" prevents the setting for the part from being changed by unauthorized person. Customers can use a "Component Part" without having to worry about tampering of the setting.

No worry about tampering
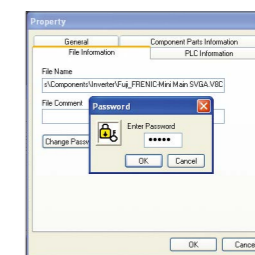
Point 6 Various "Component Parts"

"Component Parts" with various functions are available. They can be selected from the parts list accoring to your purpose to configure displays promptly.

【 Example of "Component Parts" 】

Temperature controller	Inverter	Robot controller	I/O monitor	Date setting
Displays for monitoring and parameter setting of temperature controllers can be made easily.	Displays for monitoring and parameter setting of inverters can be made easily.	Displays for monitoring and operation setting of robots can be made easily.	Displays for I/O mornitoring of PLCs can be made easily.	Displays for date setting can be made easily.

Expandability with MES / Ethernet

Supporting the construction of advanced MES

AnyTouch (W8p/W9p) networking promotes the integration of sales, production management and manufacturing at low cost.

MES[1] Interface Function[2]

Data for production records, defect quantity, error causes and various kinds of information can be sent to the MES database server via V-Server in SQL of AnyTouch (W8p/W9p). Communication with the database is possible without a gateway PC or complicated programming.

No Programming Required
Data can be saved in the database server by simple setting on V-SFT Plus ver.6. Therefore no programming is required.

Preventing Data Loss
All data transferred to the database is saved with the error log, therefore it is completely secure.
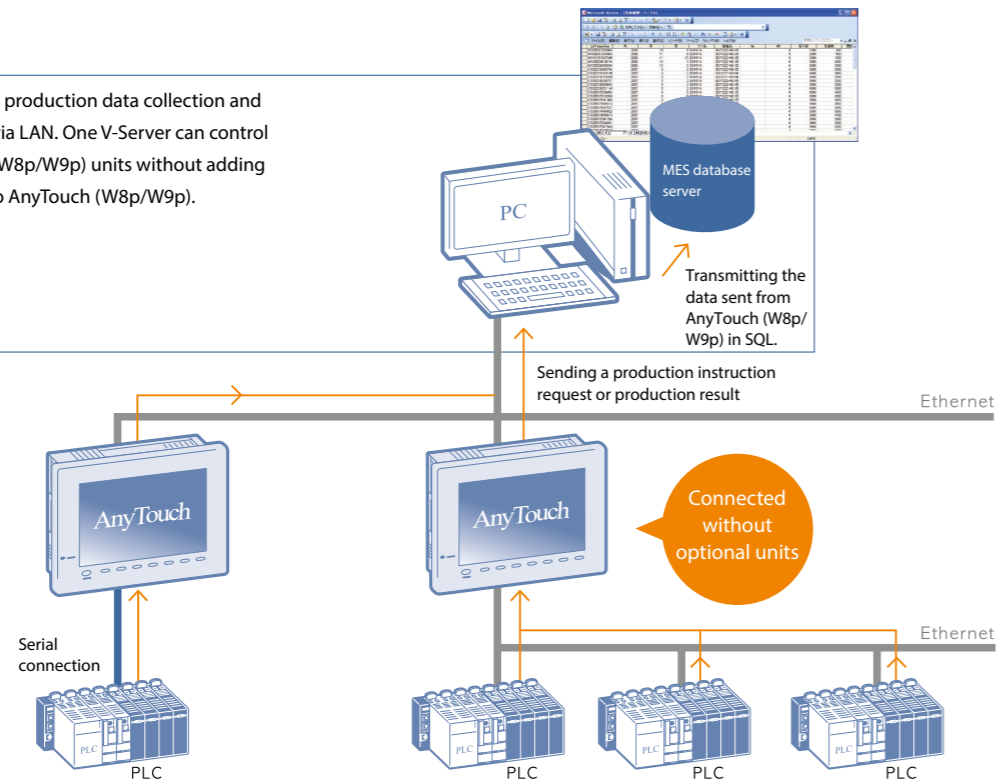
Decresing System Load
Data can be transferred to the database server of AnyTouch (W8p/W9p) when conditions are fulfilled. The server does not need to keep monitoring production, therefore the load on system can be decreased.

[1] MES (Manufacturing Execution System) : The "Manufacturing Execution System" is for optimizing product quality, product quantity, delivery date, cost, etc. in the management/control of production sites.
[2] For Ethernet module only.

V-Server

The V-Server realizes production data collection and production control via LAN. One V-Server can control multiple AnyTouch (W8p/W9p) units without adding optional functions to AnyTouch (W8p/W9p).

MES database server

PC

Transmitting the data sent from AnyTouch (W8p/W9p) in SQL.

Sending a production instruction request or production result

Ethernet

Connected without optional units

AnyTouch

AnyTouch

Ethernet

Serial connection

PLC

PLC

PLC

PLC

Function of extension with Ethernet

FTP Server
PC can read and write the data of AnyTouch (W8p/W9p) with FTP Server function. Data transfer by universal communication protocol, therefore it does not need for an application program.

Web Camera (Motion JPEG)
Recorded by Web camera, JPEG motion and image files can be played in AnyTouch (W8p/W9p) via network. It is help to check whole site of the factory line.
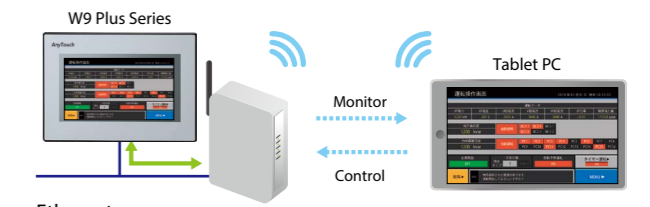
Remote Desktop
Display of PC can be shown on the AnyTouch (W8p/W9p) screen by connecting Ethernet. It is possible to check work standard or manual which is stored in office PC.

Web Browswer
It is possible to browse HTML and image files on internet with AnyTouch (W8p/W9p).

VNC Server
VNC Server function enables the operation, share and surveillance of the 'W9 Plus Series' screen on the remote site through a simple software installation such as VNC viewer. Moreover, Wireless LAN function can work without cable connection more conveniently.

W9 Plus Series

AnyTouch

Tablet PC

Monitor

Control

Ethernet

※ A setting for only monitoring is also available.

TELLUS and V-Server   Application program that can connect office and production site with low cost.

Increase the productivity with remote and gathering data functions

Even from abroad, remote monitoring and control can be used with V-Server environment via Web. It is possible to use automatic alarm notification or remote monitoring, etc. by using network and server function of Ethernet & Web. And error and problem can be prevented by gathering and analysing error data. It can reduce downtime so that increase productivity.

Feature of V-Server
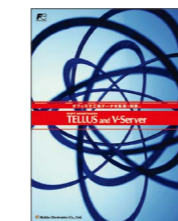
- Gather and store data of PLC
- Gather and store sampling data of AnyTouch (W8p/W9p)
- Gather and store recipe data
- Send an email by alarm mornitoring function
- Control data with application program of PC by DDE function
- Transfer display data of AnyTouch (W8p/W9p) via Ethernet

Please contact RS Automation Co., Ltd. for detailed function of V-Server.

Dimensions and Part Names

Provided with plentiful kinds of interfaces
(unit : mm)

W806iCDp / W806CDp

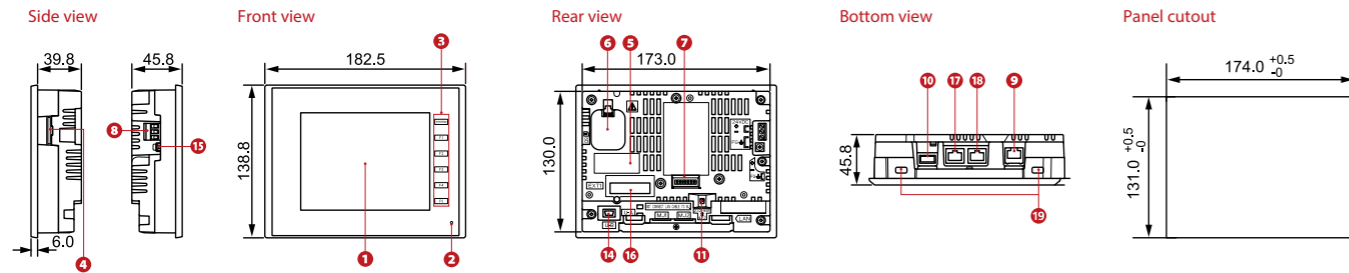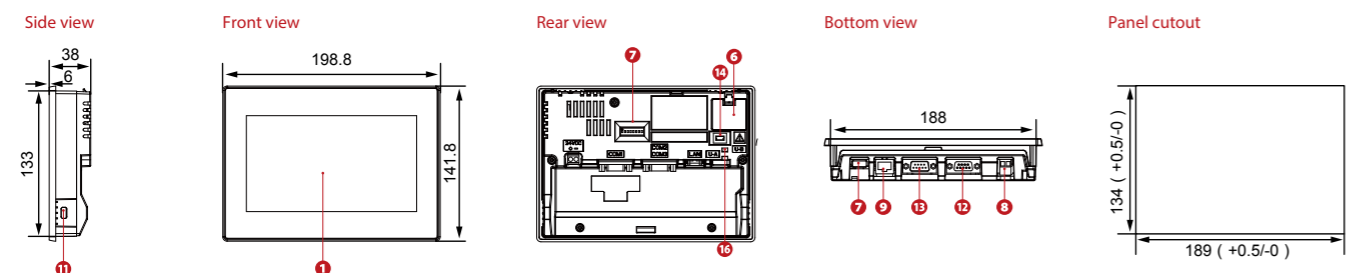| Side view | Front view | Rear view | Bottom view | Panel cutout |

W907iCDp / W907CDp

| Side view | Front view | Rear view | Bottom view | Panel cutout |

W910iCDp

| Side view | Front view | Rear view | Bottom view | Panel cutout |
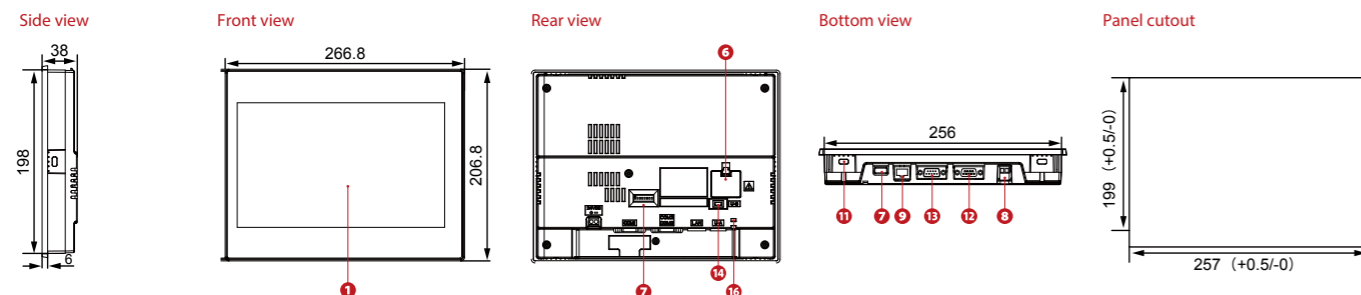
Part Names

- ❶ Display
- ❷ POWER lamp
- ❸ Function switch
- ❹ SD card slot(SD)
- ❺ Connector for optional unit(EXT1)
- ❻ Battery holder
- ❼ Dip switch
- ❽ Power supply terminal
- ❾ 100BASE-TX / 10BASE-T port(LAN)
- ❿ USB Master(U-A)
- ⓫ Slide switch(LAN)
- ⓬ D-Sub 9 pin for serial (COM1)
- ⓭ D-Sub 9 pin for serial (COM2/COM3)
- ⓮ USB Slave (Type mini-B)
- ⓯ FG terminal for communication
- ⓰ Screw hole for fixing USB cable lock
- ⓱ Modular Jack (MJ1)
- ⓲ Modular Jack (MJ2)
- ⓳ Screw hole

System Configuration

Flexible system configuration meets diversified requirements

W806iCDp
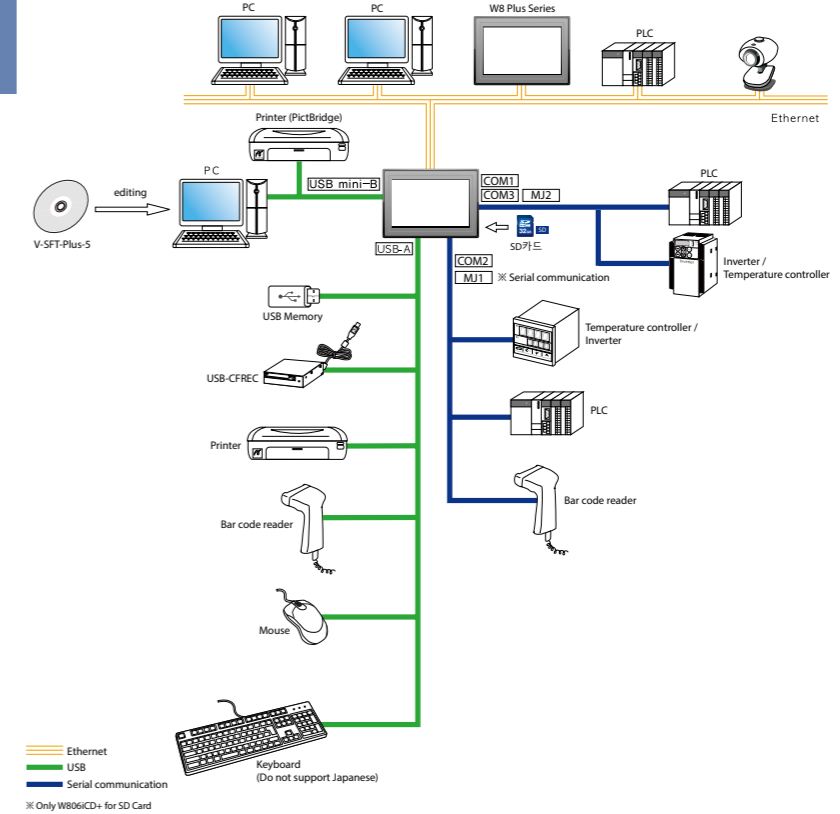
W806CDp

System Configuration

Flexible system configuration meets diversified requirements

W907iCDp
W910iCDp

W907CDp

Specifications

General Specifications

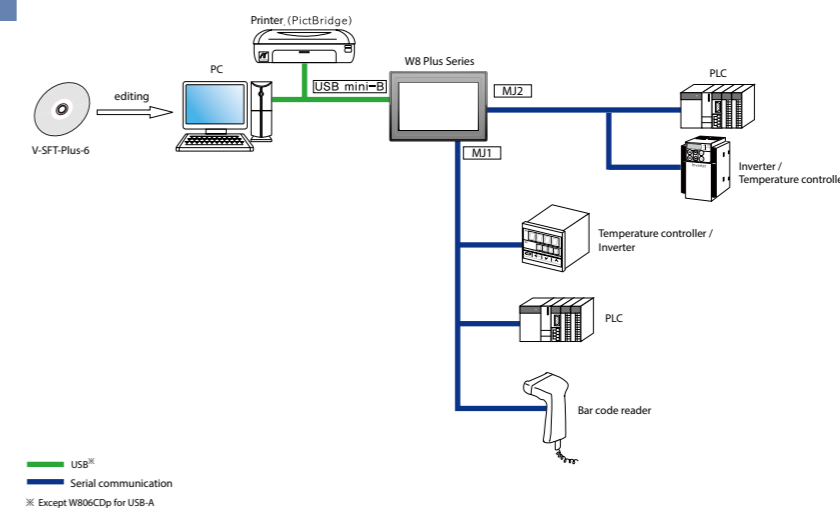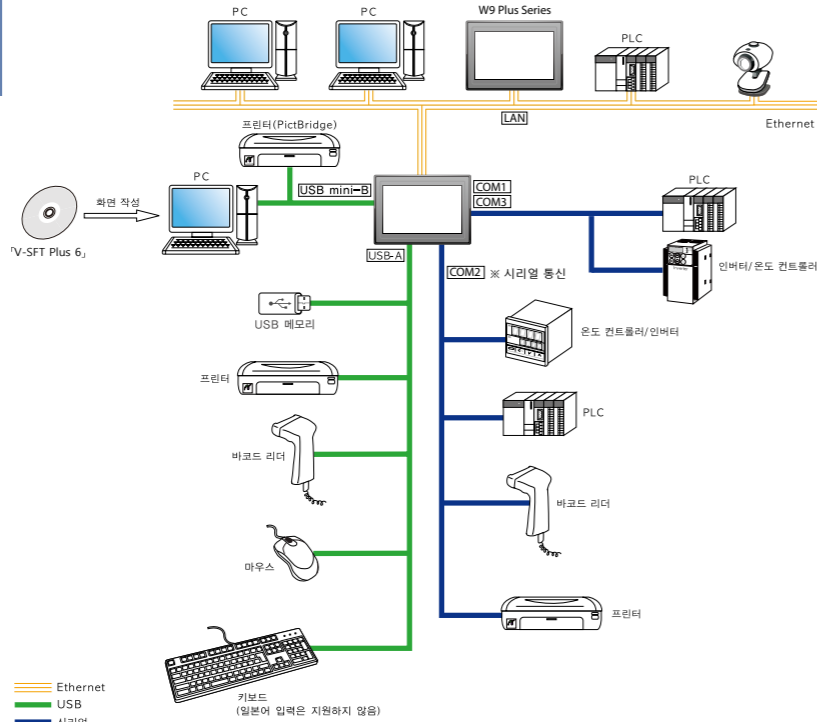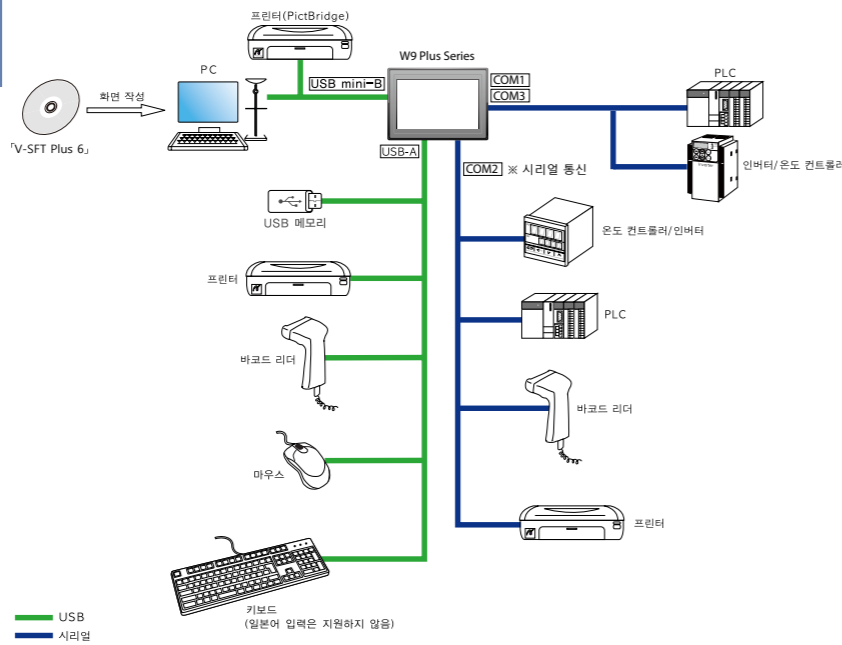| Item	Model	W806CDp	W806iCDp
Display Specifications	Display size	5.7 inch (QVGA)	
	Resolution	320 x 240 dots	
	Disolay device	TFT color LCD	
	Colors	65,536 colors (without blinks : 32K color/ 256 color/ 128 color/ Black)	
	Backlight	LED	
Touch switch	-	Analog	
Memory	FROM	2.5M byte	10.5M byte
	SRAM	128K byte	512K byte
External Interface	Serial D-sub 9 pin※1	-	RRS232C/RS-422/RS-485 Asynchronous type Data bit : 7, 8 bits Parity bit : odd/even/none Stop bit : 1, 2 bits Baudrate : 4800/9600/19200/38400/57600/76800/115200bps
	Serial Modular 8 pin (MJ1/2)	RS-232C/RS-422(4-wire system)※2/RS-485(2-wire system) Asynchronous type Data bit : 7, 8 bits Parity bit : odd/even/none Stop bit : 1, 2 bits, Baudrate : 4800/9600/19200/38400/57600/76800/115200/187500bps※3	
	SD card	-	1 slot provided as standard (SD/SDHC card)
	Ethernet	-	1CH Baudrate : 100Mbps, 10Mbps
	USB	Type mini-B (Ver. 2.0)	Type A, Type mini-B (Ver. 2.0)
Battery	Battery specification	Lithium Battery / 5 years (Surrounding air temperature 25℃)	
Power Supply	Rated voltage	DC 24V±10%	
	Power consumption	13W or less	
Physical Environment	Surrounding air temperature	0 ~ +50℃※4	
	Storage surroudnign air temperature	-10 ~ +60℃※4	
	Operational/Storage ambient humidity	85% RH or less (Without dew condensation, wet-bult temperature of 39℃ or less)	
	Altitude	2,000m or lower	
	Atmosphere	No corrosive gas, no excessive dust, and no conductive dust	
	Pollution Degree	2	
Installation Conditions	Dimensions W x H x D	182.5 x 138.8 x 45.8 mm	
	Panel cutout dimensions W x H	174 x 131 (+0.5/-0)	
	Surface sheet	Front panel : Compliant with IP65 (Option : use of waterproof gasket), Rare panel : Compliant with IP20	
	Case color	-	Black
	Standard	-	CE, KC / UL61010-1, UL61010-2-201

※1 W806iCDp with option unit(DUR-00) only ※3 187500bps when connecting with Siemens MPI/PPI port, MPI/PPI provides for only MJ2
※2 MJ2 for 4-wire system ※4 Wet-bulb temperature should be 39℃ or lower to prevent malfunction

Item	Model	W907CDp	W907iCDp/W907iCDp_U004	W910iCDp/W910iCDp_U004
Display Specifications	Display size	7.0 inch Wide		10.2 inch Wide
	Display device	TFT color LCD		
	Resolution	800 × 480 dot		
	Colors	65,536 colors		
	Backlight	LED		
Memory	FROM	26 MB		
	SRAM	128 KB		
External Interface	Ethernet	-	O (1ch)	
	USB-A	O (1ch)		
	USB mini-B	O (1ch)		
	COM1 D-Sub 9 pin（凹）	RS-422/485 (4/2-wire system), Data bit : 7, 8 bits Parity bit : odd/even/none Stop bit : 1, 2 bits Baudrate : 4800/9600/19200/38400/57600/76800/115200/187500※1 bps		
	COM2/COM3 D-Sub9 pin（凸）	COM2 : RS-232C, COM3 : RS-422/485 (2-wire system), Data bit : 7, 8 bits Parity bit : odd/even/none Stop bit : 1, 2 bits Baudrate : 4800/9600/19200/38400/57600/76800/115200bps		
Power Supply	Rated voltage	DC 24V±10%		
	Power consumption	11W or less		12W or less
Physical Environment	Surrounding air temperature	0 ~ +50℃※2		
	Storage surroudnign air temperature	-10 ~ 60℃※2		
	Operational/Storage ambient humidity	85% RH or less (Without dew condensation)※2		
	Altitude	2,000m or lower		
	Atmosphere	No corrosive gas, no excessive dust, and no conductive dust		
	Pollution Degree	2		
Installation Conditions	Dimensions W x H x D	198.8 × 141.8 × 38.0 mm		266.8 × 206.8 × 38.0 mm
	Panel cutout dimensions W x H	189.0 x 134.0 （+0.5/-0） mm		257.0 x 199.0 （+0.5/-0） mm
	Surface sheet	Front panel : Compliant with IP65 (with waterproof gasket), Compliant with IP40 (without waterproof gastket), Rare panel : Compliant with IP20		
	Case color	-	-	Black
	Standard	CE, KC, UL		

※1 187500bps when connecting with Siemens MPI/PPI port. ※2 Wet-bulb temperature should be 39℃ or lower to prevent malfunction

Option Unit

Various units for greater expandability and usability

Need confirmation before use

General Specifications

Mounting Unit

● **Communication Unit**

CUR - xx (Communication Inteface Unit)

X X	Compatible network	X X	Compatible network
00	OPCN-1	04	PROFIBUS-DP
01	T-Link	06	SX bus
02	CC-Link	07	Devicenet
03	Ethernet	08	FL-net

Connected to various networks. Multiple W8p panels can be connected to one PLC. Other devices can be linked to the network, improving system's cost-effectiveness.
※ W806iCDp Only

Options

TC-D9 (Terminal Converter)※
Connects W8+ with other units via RS-422/485 terminal.
※ W806iCDp Only

DUR-00 (Option Unit)※
Used for serial connection with D-Sub 9 pin.
※ W806iCDp Only

V906T-GS/V906T-GSN10
Protection sheets for panels
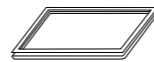N10 is a non-glare type sheet (5 sheets per set)
※ For W806p Series

TS1070S-WP/TS1100S-WP (Waterproof Gasket)
For IP65 protection structure required.
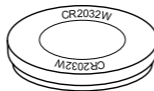Can be used with/without Ethernet.
※ For W9p Series

TS - BT (Replacement Battery)
A replacement lithium battery
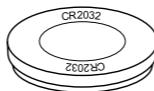(CR2032W of Sony Energy Devices)
※ For W806p Series

CR2032 (Replacement Battery)
A replacement lithium battery
※ For W9p Series (Please contact Sales person for purchase.)

Cables

	Type	Configuration	Connected to
W8p /Vp	V-CP	RS-232C Modular 8 pin / D-Sub9pin(凹) Cable Length : 3m	PC
	V6-BCD	RS-232C Modular 8 pin Cable Length : 3m	Barcode Reader
	V6-MLT	RS-422 Modular 8 pin Cable Length : 3m	V8p/V7/V6 Series
	V6-TMP	RS-232C/485 Modular 8 pin Cable Length : 3m	Temperature controller and Inverter etc.
W9p	UA-FR	Cable Length : 1m	USB-A Port

PLC Communication Driver List

Maker	PLC
RS Automation	NX7/NX Plus Series (70P/700P/CCU+)
	N7/NX Series (70/700/750/CCU)
	NX700 Series (Ethernet)
	X8 Series
	X8 Series (Ethernet)
SAMSUNG	SPC series
	N_plus
	SECNET
Allen-Bradley	PLC-5
	PLC-5 (Ethernet)
	SLC500
	SLC500 (Ethernet TCP/IP)
	NET-ENI (SLC500 Ethernet TCP/IP)
	NET-ENI (MicroLogix Ethernet TCP/IP)
	MicroLogix
	MicroLogix (Ethernet TCP/IP)
	ControlLogix / CompactLogix
	ControlLogix (Ethernet)
	Micro800 Controllers
	Micro800 Controllers (Ethernet TCP/IP)
Automationdirect	Direct LOGIC (K-Sequence)
	Direct LOGIC (Ethernet UDP/IP)
	Direct LOGIC (MODBUS RTU)
Azbil	MX series
Baumuller	BMx-x-PLC
BECKHOFF	ADS Protocol (Ethernet)
CIMON	BP Series
	CP Series
	S Series
	S Series (Ethernet)
DELTA	DVP Series
	DVP Series (MODBUS ASCII)
	DVP Series (MODBUS TCP/IP)
EATON Cutler-Hammer	ELC
EMERSON	EC10/EC20/EC20H (MODBUS RTU)
FANUC	Power Mate
FATEK AUTOMATION	FACON FB series
FESTO	FEC
FUFENG	APC Series Controller
Fuji Electric	MICREX-F Series
	MICREX-F Series V4-compatible
	SPB (N mode) & FLEX-PC series
	SPB (N mode) & FLEX-PC CPU
	MICREX-SX SPH/SPB/SPM/SPE/SPF series
	MICREX-SX SPH/SPB/SPM/SPE/SPF CPU
	MICREX-SX (Ethernet)
GE Fanuc	90 series
	90 series (SNP-X)
	90 series (SNP)
	90 series (Ethernet TCP/IP)
	RX3i (Ethernet TCP/IP)
Hitachi	HIDIC-S10/2alpha, S10mini
	HIDIC-S10/2alpha, S10mini (Ethernet)
	HIDIC-S10/4alpha
	HIDIC-S10V
	HIDIC-S10V (Ethernet)
Hitach Industrial Equipement Systems	HIDIC-H
	HIDIC-H (Ethernet)
	HIDIC-EHV
	HIDIC-EHV (Ethernet)
HYUNDAI	Hi5 Robot (MODBUS RTU)
	Hi4 Robot (MODBUS RTU)
IDEC	MICRO 3
	MICRO Smart
	MICRO Smart pentra
Jetter	JetControl series2/3 (Ethernet UDP/IP)
JTEKT	TOYOPUC
	TOYOPUC (Ethernet)
	TOYOPUC (Ethernet PC10 mode)
	TOYOPUC-Plus
	TOYOPUC-Plus (Ethernet)
	TOYOPUC-Nano (Ethernet)
KEYENCE	KZ series link
	KZ-A500 CPU
	KZ/KV series CPU
	KZ24/300 CPU
	KV10/24 CPU
	KV-700
	KV-700 (Ethernet TCP/IP)
	KV-1000

Maker	PLC
KEYENCE	KV-1000 (Ethernet TCP/IP)
	KV-3000/5000
	KV-3000/5000 (Ethernet TCP/IP)
	KV-7000 (Ethernet TCP/IP)
KOYO ELECTRONIC	SU/SG
	SR-T (K protocol)
	SU/SG (K-Sequence)
	SU/SG (MODBUS RTU)
LS	MASTER-KxxxS
	MASTER-KxxxS CNET
	MASTER-K series (Ethernet)
	GLOFA CNET
	GLOFA GM7 CNET
	GLOFA GM series CPU
	GLOFA GM series (Ethernet UDP/IP)
	XGT/XGK series CNET
	XGT/XGK series CPU
	XGT/XGK series (Ethernet)
	XGT/XGI series CNET
	XGT/XGI series CPU
	XGT/XGI series (Ethernet)
MITSUBISHI ELECTRIC	A series Link
	QnA series link
	QnA series (Ethernet)
	QnH (Q) series link
	QnH (Q) series CPU
	QnU series CPU
	Q00J/00/01 CPU
	QnH (Q) series (Ethernet)
	QnH (Q) series link (multi CPU)
	QnH (Q) series (multi CPU) (Ethernet)
	QnH (Q) series CPU (multi CPU)
	QnH (Q) series (Ethernet ASCII)
	QnH (Q) series (multi CPU) (Ethernet ASCII)
	QnU series (built-in Ethernet)
	L series link
	L series (built-in Ethernet)
	L series CPU
	FX2N/1N series CPU
	FX1S series CPU
	FX series link (A protocol)
	FX3U/3UC/3G series CPU
	FX3U/3GE series (Ethernet)
	FX3U/3UC/3G series link(A protocol)
	FX5U/5UC series
	FX5U/5UC series (Ethernet)
	Alink+Net10
	Q170MCPU (multi CPU)
	Q170 series (multi CPU) (Ethernet)
	iQ-R series (built-in Ethernet)
	iQ-R series link
	iQ-R series (Ethernet)
MODICON	MODBUS RTU
MOELLER	PS4
OMRON	SYSMAC C
	SYSMAC CV
	SYSMAC CS1/CJ1
	SYSMAC CS1/CJ1 DNA
	SYSMAC CS1/CJ1 (Ethernet)
	SYSMAC CS1/CJ1 (Ethernet Auto)
	SYSMAC CS1/CJ1 DNA (Ethernet)
Panasonic	FP Series (RS232C/422)
	FP Series (TCP/IP)
	FP Series (UDP/IP)
	FP-X (TCP/IP)
	FP7 Series (RS232C/422)
	FP7 Series (Ethernet)
SHARP	JW series
	JW100/70H COM port
	JW20 COM port
	JW series (Ethernet)
	JW300 series
	JW311/312/321/322 series (Ethernet)
	JW331/332/341/342/352/362 series (Ethernet)
SAIA	PCD
	PCD S-BUS (Ethernet)
Siemens	S5 PG port
	S7
	S7-200 PPI
	S7-200 (Ethernet ISOTCP)
	S7-300/400MPI
	S7-300/400 (Ethernet ISOTCP)
	S7-300/400 (Ethernet TCP/IP PG protocol)

PLC & Temprature Controller & Inverter

Need confirmation before use

PLC Communication Driver List

Maker	PLC
Siemens	S-1200/1500 (Ethernet ISOTCP)
	S7 PROFIBUS-DP
	TI500/505
	TI500/505 V4 Compatible
SINFONIA TECHNOLOGY	SELMART
TECO	TP-03 (MODBUS RTU)
Telemecanique	TSX Micro
TOSHIBA	T series / V series (T compatible)
	T series / V series (T compatible) (Ethernet UDP/IP)
	EX series
	nv series (Ethernet UDP/IP)
TOSHIBA MACHINE	TC200
TOYO-DENKI	μGPCsx series
	μGPCsx CPU
	μGPCsx series (Ethernet)
TURCK	BL Series Distributed I/O (MODBUS TCP/IP)
Ultra Instruments	UIC CPU (MODBUS ASCII)
UNITRONICS	M90/M91/Vision Series (ASCII)
	Vision Series (ASCII Ethernet TCP/IP)
VIGOR	M series
WAGO	750 series (MODBUS RTU)
	750 series (MODBUS Ethernet)
XINJE	XC series (MODBUS RTU)
Yaskawa Electric	Memobus
	CP9200SH/MP900
	MP2300 (MODBUS TCP/IP)
	CP/MP EXPANSION MEMOBUS (UDP/IP)
	MP2000 series
	MP2000 series (UDP/IP)
	MP3000 series (Ethernet UDP/IP)
	MP3000 series
	MP3000 series (Ethernet UDP/IP)
	MP3000 series Expansion memobus (Ethernet)
Yokogawa Electric	FA-M3
	FA-M3R
	FA-M3/FA-M3R (Ethernet UDP/IP)
	FA-M3/FA-M3R (Ethernet UDP/IP ASCII)
	FA-M3/FA-M3R (Ethernet TCP/IP)
	FA-M3/FA-M3R (Ethernet TCP/IP ASCII)
	FA-M3V
	FA-M3V (Ethernet)
	FA-M3V (Ethernet ASCII)
Others	Universal Serial
	Without PLC connection
	MODBUS RTU
	MODBUS RTU EXT Format
	MODBUS TCP/IP(Ethernet)
	MODBUS TCP/IP(Ethernet) Sub station
	MODBUS TCP/IP(Ethernet) EXT Format
	MODBUS ASCII

Drivers that are not provided in this list will be developed upon request.

Temperature Controller/Servo/Inverter Communication Driver List

Maker	Temperature Controller / Servo / Inverter
RS Automation	CSD5 (MODBUS RTU)
	Moscon-F50 (MODBUS RTU)
Agilent	4263 series
ASAHI ENGINEERING	Stepping Motor
Azbil	SDC10
	SDC15
	SDC20
	SDC21
	SDC25/26
	SDC30/31
	SDC35/36
	SDC45/46
	SDC40A
	SDC40G
	DMC10
	DMC50 (COM)
	AHC2001
	AHC2001+DCP31/32
	DCP31/32
	NX (CPL)
	NX (MODBUS RTU)
	NX (MODBUS TCP/IP)
A&D	AD4402 (MODBUS RTU)
	AD4404 (MODBUS RTU)
Banner	Presense PLUS (Ethernet/IP (TCP/IP))
Bosch Rexroth	Indra Drive
CHINO	LT400 Series (MODBUS RTU)
	DP1000
	DB1000B (MODBUS RTU)
	KR2000 (MODBUS RTU)
	LT230 (MODBUS RTU)
	LT300 (MODBUS RTU)
	LT830 (MODBUS RTU)
DELTA TAU DATA SYSTEMS	PMAC
	PMAC (Ethernet TCP/IP)
Fuji Electric	PYX (MODBUS RTU)
	PXR (MODBUS RTU)
	PXF (MODBUS RTU)
	PXG (MODBUS RTU)
	PXH (MODBUS RTU)
	PUM (MODBUS RTU)
	F-MPC04P (loader)
	F-MPC Series /FePSU
	FVR-E11S
	FVR-E11S (MODUS RTU)
	FVR-C11S (MODUS RTU)
	FRENIC5000G11S/P11S
	FRENIC5000G11S/P11S (MODBUS RTU)
	FRENIC5000VG7S (MODBUS RTU)
	FRENIC-Ace (MODBUS RTU)
	FRENIC-Eco (MODBUS RTU)
	FRENIC-HVAC/AQUA (MODBUS RTU)
	FRENIC-MEGA (MODBUS RTU)
	FRENIC-MEGA SERVO (MODBUS RTU)
	FRENIC-Mini (MODBUS RTU)
	FRENIC-Multi (MODBUS RTU)
	FRENIC-VG1 (MODBUS RTU)
	FRENIC Series (loader)
	HFR-C9K
	HFR-C11K
	HFR-K1K
	PPMC (MODBUS RTU)
	FALDIC-alpha series
	FALDIC-W series
	PH series
	PHR (MODBUS RTU)
	WA5000
	APR-N (MODBUS RTU)
	ALPHA5 (MODBUS RTU)
	ALPHA5 Smart (MODBUS RTU)
	WE1MA (Ver.A) (MODBUS RTU)
	WE1MA (Ver.B) (MODBUS RTU)
	WSZ series
	WSZ series (Ethernet)
Gammaflux	TTC2100
High-Pressure Gas Industry	R-BLT
Hitachi Industrial Equipment Systems	SJ300 series
	SJ700 series
IAI	X-SEL controller
	ROBO CYLINDER (RCP2/ERC)
	ROBO CYLINDER (RCS/E-CON)
	PCON/ACON/SCON (MODBUS RTU)
KOGANEI	IBFL-TC

Temperature Controller/Servo/Inverter Communication Driver List

Maker	Temperature Controller / Servo / Inverter
Lenze	Servo Drive 9400 (Ethernet TCP/IP)
MITSUBISHI ELECTRIC	FR-*500
	FR-V500
	MR-J2S-*A
	MR-J2S-*CL
	MR-J3-*A
	MR-J3-*T
	MR-J4-*A
	FR-E700
MOOG	J124-04x series
M-SYSTEM	R1M series (MODBUS RTU)
OMRON	E5AK
	E5AK-T
	E5AN/E5EN/E5CN/E5GN
	E5AR/E5ER
	E5CK
	E5CK-T
	E5CN-HT
	E5EK
	E5ZD
	E5ZE
	E5ZN
	V600/620/680
	KM20
	KM100
	V680S (Ethernet TCP/IP)
Orientalmotor	High-efficiency AR Series (MODBUS RTU)
	CRK Series (MODBUS RTU)
Panasonic	MINAS A4 Series
	LP-400
	KW Series
RKC	SR-Mini (MODBUS RTU)
	CB100/CB400/CB500/CB700/CB900 (MODBUS RTU)
	SR-Mini (Standard Protocol)
	REX-F400/F700/F900 (Standard Protocol)
	REX-F9000 (Standard Protocol)
	SRV (MODBUS RTU)
	MA900/MA901 (MODBUS RTU)
	SRZ (MODBUS RTU)
	FB100/FB400/FB900 (MODBUS RTU)
SANMEI	Cuty Axis
SanRex	DC AUTO (HKD type)
SHARP	DS-30D
	DS-32D
SHIMADEN	SHIMADEN standard protocol
SHINKO TECHNOS	C Series
	FC Series
	GC Series
	DCL-33A
	JCx-300 Series
	PC-900
	PCD-33A
	ACS-13A
	ACD/ACR Series
	WCL-13A
Siemens	S120 (Ethernet ISOTCP)
SUS	XA-A*
TOHO	TTM-000
	TTM-00BT
	TTM-200 (MODBUS RTU)
TOKYO CHOKOKU PRODUCTS	MB3315/1010
TOSHIBA	VF-S7
	VF-S9
	VF-S11
	VF-S15
	VF-A7
	VF-AS1
	VF-P7
	VF-PS1
	VF-FS1
	VF-MB1
	VF-nC1
	VF-nC3
TOSHIBA MACHINE	VELCONIC series
ULVAC	G-TRAN series
UNIPULSE	F340A
	F371
	F720A
	F800
	F805A

Maker	Temperature Controller / Servo / Inverter
YAMAHA	RCX142
Yaskawa Electric	DX200 (High-Speed Ethernet)
Yokogawa Electric	UT100
	UT750
	UT550
	UT520
	UT350
	UT320
	UT2400/2800
	UT450
	UT32A/35A (MODBUS RTU)
	UT52A/55A (MODBUS RTU)
	UT75A (MODBUS RTU)
	μR10000/20000 (Ethernet TCP/IP)
Others	MODBUS RTU
	MODBUS TCP/IP (Ethernet)

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