



***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

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High Performance
Connectivity
Usability

Product Selection















Symbol	Series	Symbol	Display Size	Symbol	Functional Specification	Symbol	Display Specification	Symbol	Functional Specification	Symbol	Functional Specification
8	W8+ Series	06	5.7 inch	None	Standard	C	TFT(WVGA): W907(i)CD+, W910iCD+ TFT(QVGA): W806(i)CD+	D	DC Power	None	Normal
9	W9+ Series	07	7 inch	i	Advanced					_U004	Coated
		10	10.2 inch								

TFT Display Device SVGA Display Resolution 64K Display Color

※ "+" of product selection is the simple symbol to help customers to understand the series, actual model catalog is replaced as "p(plus)".




“ Diverse choices of lineup depending on the application ”

		15 inch	12 inch	10 inch	8 inch	7 inch	5.7 inch
V9+ Series	Advanced			V910*iW+ Series 		V907*iW+ Series 	
	Standard	V9150iX+ Series 	V9120iS+ Series 	V9100iS+ Series 	V9080iS+ Series 		
	Lite			V9100iC+ Series 	V9080iCD+ 		V9060iTD+ 
W8+ Series	Standard						W806iCD+ 
W9+ Series	Standard			W910iCD+ W910iCD+_U004 		W907CD+ W907iCD+ W907iCD+_U004 	

· All catalogs are UL authenticated.

W806+ Series

Economical Price and the Best Performance

5.7 inch model   

QVGA standard model with 65,536 colors



With Ethernet port
W806iCD+



W907+ Series


7 inch Standard Model with Economical Price

7 inch wide model   

WVGA standard model with 65,536 colors



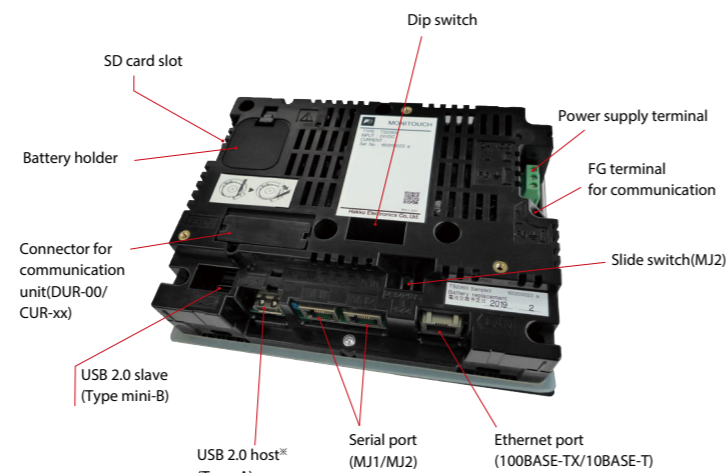
With Ethernet port
W907iCD+

W907iCD+_U004 

Without Ethernet port
W907CD+



Item	W806iCD+	
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	
SRAM	512K 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)	
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
	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}

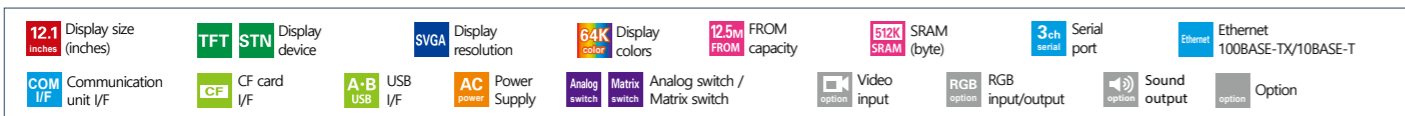


※1 Optional unit(DUR-00) is required for W806iCD+.

※2 4-wire system for MJ2 only.

※3 When connected with Siemens MPI/PPI port(supported by MJ2 only).

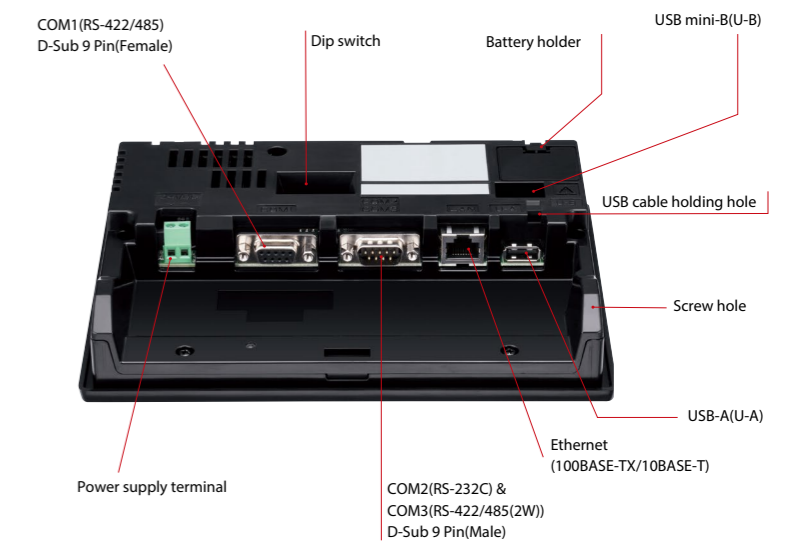
Description of icons



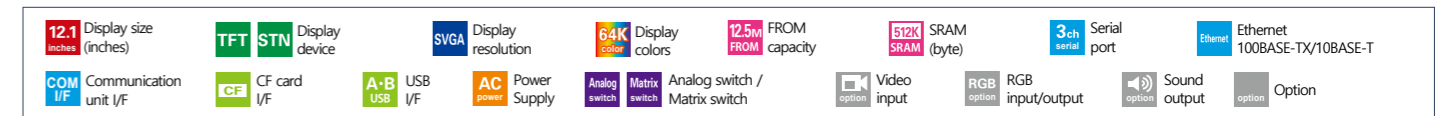
Item	W907CD+	W907iCD+/W907iCD+_U004 ^{※2}
Display Size		7.0 inch Wide
Display Device		TFT color LCD
Display Resolution		800 x 480 Dots
Colors		65,536 colors
FROM		26 MB
SRAM		128 KB
Ethernet		O(1CH)
USB A		O(1CH)
USB mini B		O(1CH)
External Interface	COM1 D-sub 9 Pin (凹)	RS-422/485(4-wire/2-wire system), Data bit: 7, 8 bits Parity bit: odd, even, none, Stop bit: 1, 2 bits Baudrate: 4800/9600/19200/38400/57600/76800/115200/187500 ^{※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
Compatibility		CE, KC, UL

※1 When connected with Siemens MPI/PPI port

※2 W907iCD+_U004 model has the same specification with W907iCD+, only coated






Description of icons



W910+ Series

10 inch Standard Model with Economical Price

10.2 inch wide model   



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.

WVGA standard model with 65,536 colors

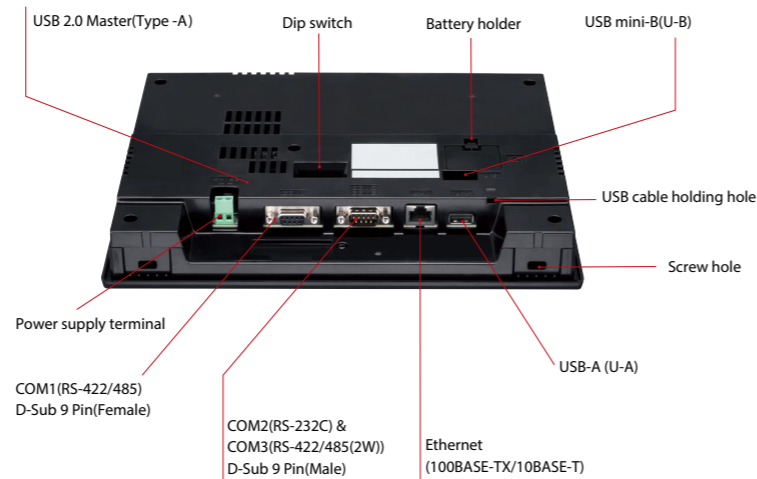


With Ethernet port
W910iCD+ 
W910iCD+_U004 ^{※2} 



Item	W910iCD+/W910iCD+_U004 ^{※2}
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
Ethernet	O(1CH)
USB A	O(1CH)
USB mini B	O(1CH)
COM1 D-sub 9 Pin (□)	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 ^{※1} 1bps
COM2/COM3 D-Sub 9 Pin (△)	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 W910iCD+_U004 model has the same specification with W910iCD+, only coated



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(W8+/W9+[※]). High-speed ladder transfer is possible.

※ The port position differs for each model.

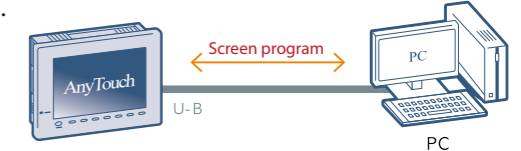


Monitoring, Reading/Writing of Ladder program

※ 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.



Compatible with "PictBridge" Printers

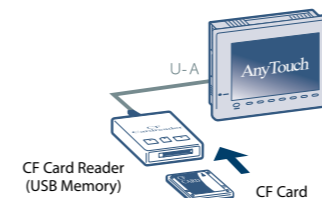
Supports "PictBridge" for printing digital camera and printer via USB connection. With PictBridge-enabled printers, you can easily print daily, weekly, and other materials on-site.



Master(USB-A)

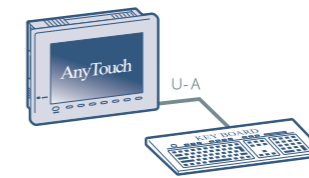
Card Reader/Writer

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



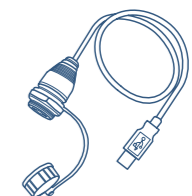
Compatible with USB Keyboard

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.



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.



Description of icons

12.1 inches Display size (inches)	TFT STN Display device	SVGA Display resolution	64K color Display colors	12.5MB FROM FROM capacity	512K SRAM (byte) SRAM (byte)	3ch serial Serial port	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 Analog switch / Matrix switch	Matrix switch Matrix switch	Video input Video input	RGB input/output RGB input/output	Sound output Sound output	Option Option

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), which enables connection among a AnyTouch (W8+/W9+) and up to eight kinds of devices consisting of PLCs and peripherals of different manufacturers.

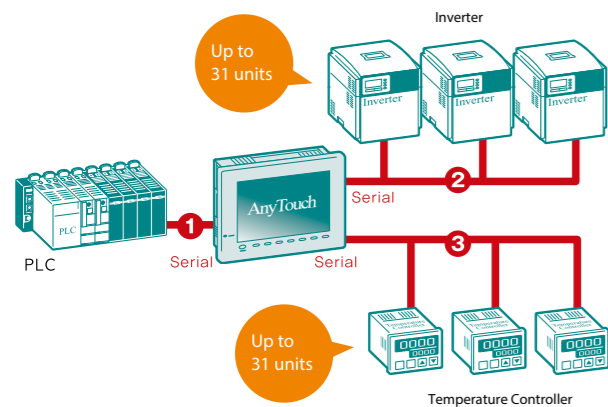
- Simultaneous communication and data transfer with eight kinds of devices
- Simultaneous monitoring and operation of multiple PLCs and peripherals
- Linkage between a AnyTouch(W8p/W9p) and various devices on the LAN network using the gateway function

Network Examples

Example 1 Serial connection(three ports)※1

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(W8+/W9+).

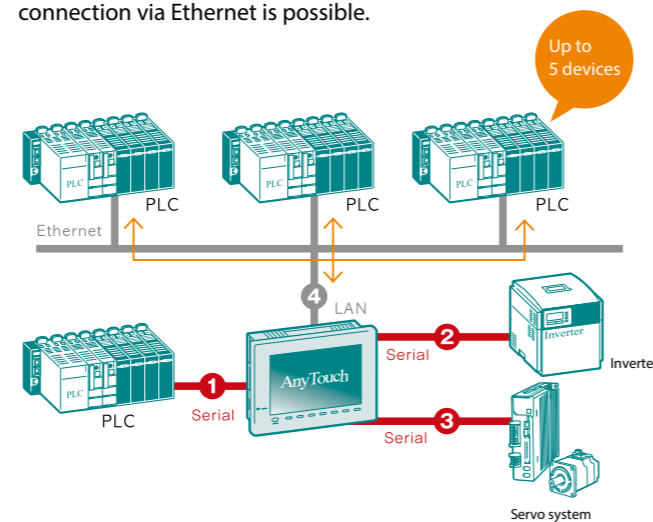


※1 Except W806CD+

Example 2 Serial connection※1 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.

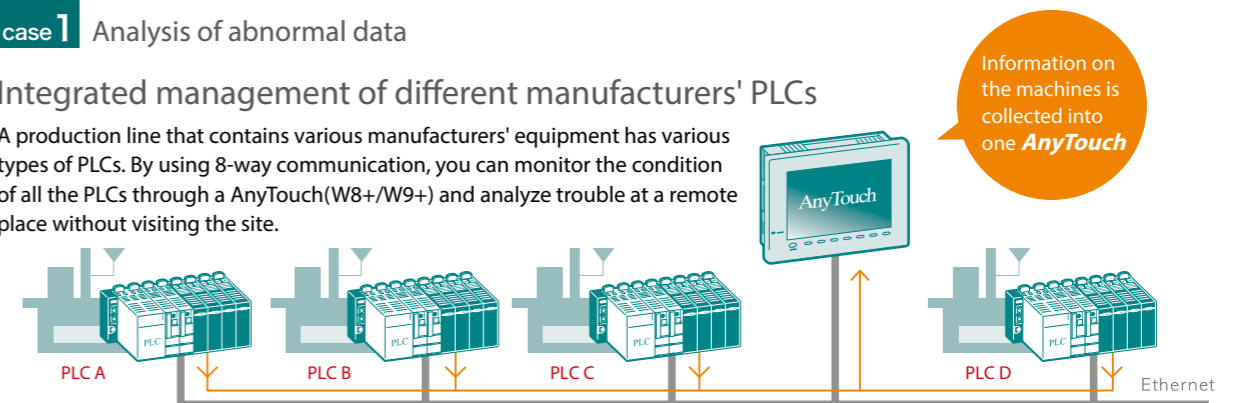


8-way communication offers various functions and boosts your convenience

case 1 Analysis of abnormal data

Integrated management of different manufacturers' PLCs

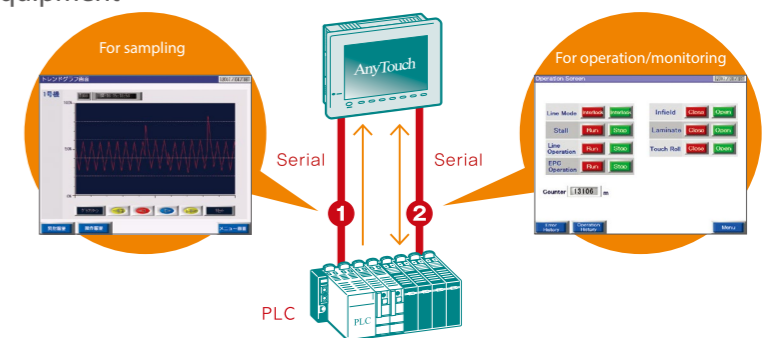
A production line that contains various manufacturers' equipment has various types of PLCs. By using 8-way communication, you can monitor the condition of all the PLCs through a AnyTouch(W8+/W9+) and analyze trouble at a remote place without visiting the site.



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(W8+/W9+).



Easy Configuration

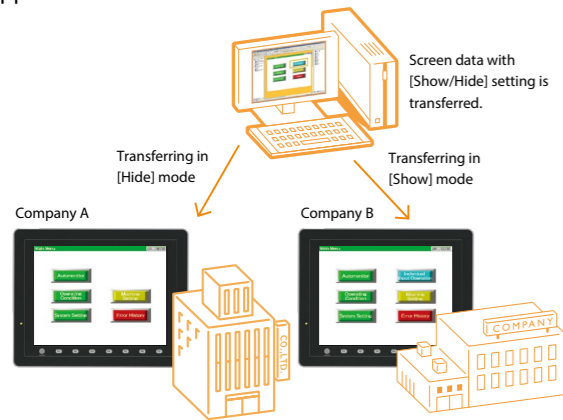
Highly Functional Switches

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.

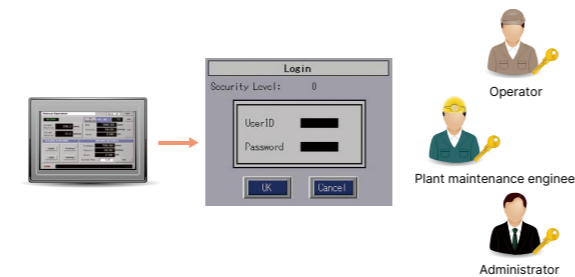


Conditional visibility according to the security level

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



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



Display of memory status

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

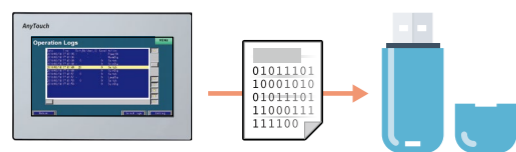
Best Performances & Convenient Functions

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.



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 W806iCD+

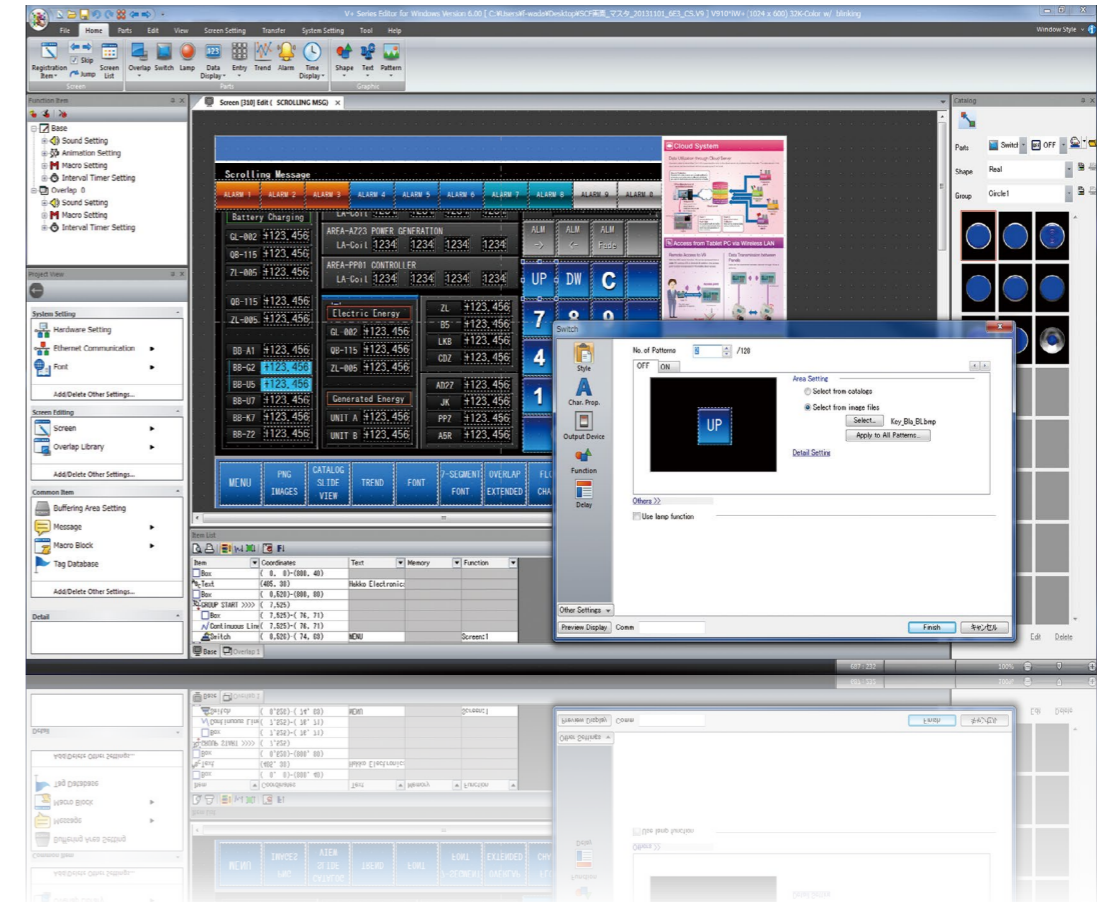
128KB SRAM as standard

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 improved, which is effective for information management required by ISO. User can also use it freely with urser memory.

※ 512KB for W806iCD+

V-SFT PLUS Ver.6

Improved 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.)

※1 For installing the OS, administrator authority is required.

Upgraded Beautiful GUI

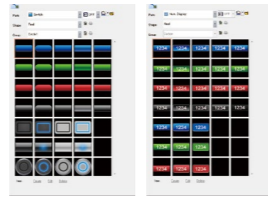
Wider Range of Parts

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

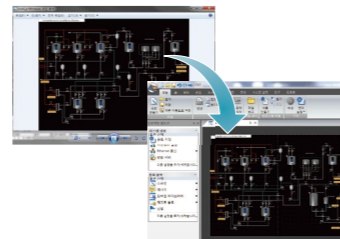
The line widths of graphic items and trend items(graph lines, reference lines) can now be set in eight steps. Effective screens can be created using a variety of drawing tools and graph representations.



※ Excluding thick lines

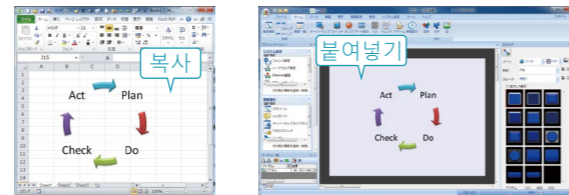
Pasting of an Image File

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.



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, V9+ series, V8+ series, W8+ series and W9+ series)

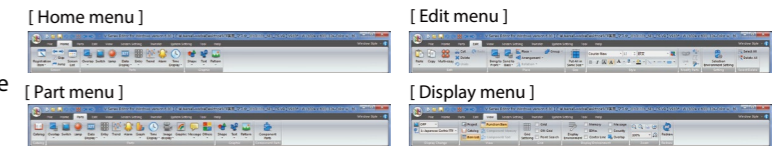


※ Impossible to convert from V Plus series to W Plus series ※ Except of W806iCD+(Compatible with V806+ series)

Upgraded Operation

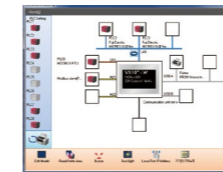
Ribbon Menu

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



Configuration Menu of the Connected Device

Can be recognized instantly the hardware setting menu from connected devices on V9+, W8+, W9+ series.



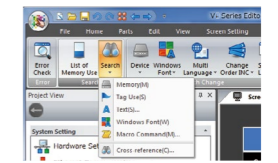
Docking Windows

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



Integration of Search Menu

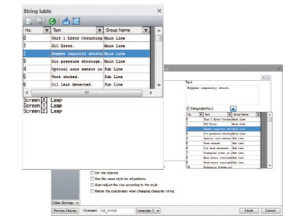
The search menu, which used to be displayed separately, has now been integrated for easy operation.



Character String Table(V9+ 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.

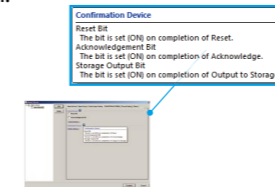
※ Switches, lamps, text and multi text only.



Facilitation of Screen

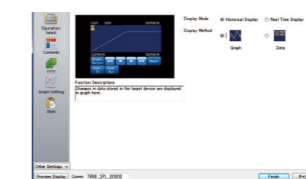
Tool Hints to Support Configuration

Tool hints 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.



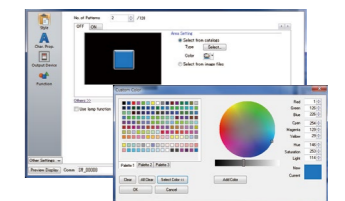
Guided Setting Process

With the help of the clear instructions in the dialog, setting can be conducted smoothly and collectively.



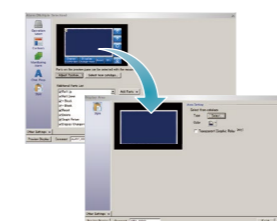
A Wider Range of Colors for Parts

65,536 colors are available for components parts.



Direct Editing with the Item View

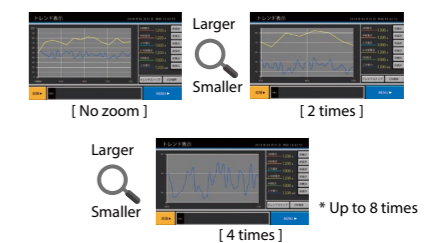
In the item view, an indication range and component parts consisting of various parts including switches are selected. Since there is no need to select various items respectively, smooth and efficient editing is possible.



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.

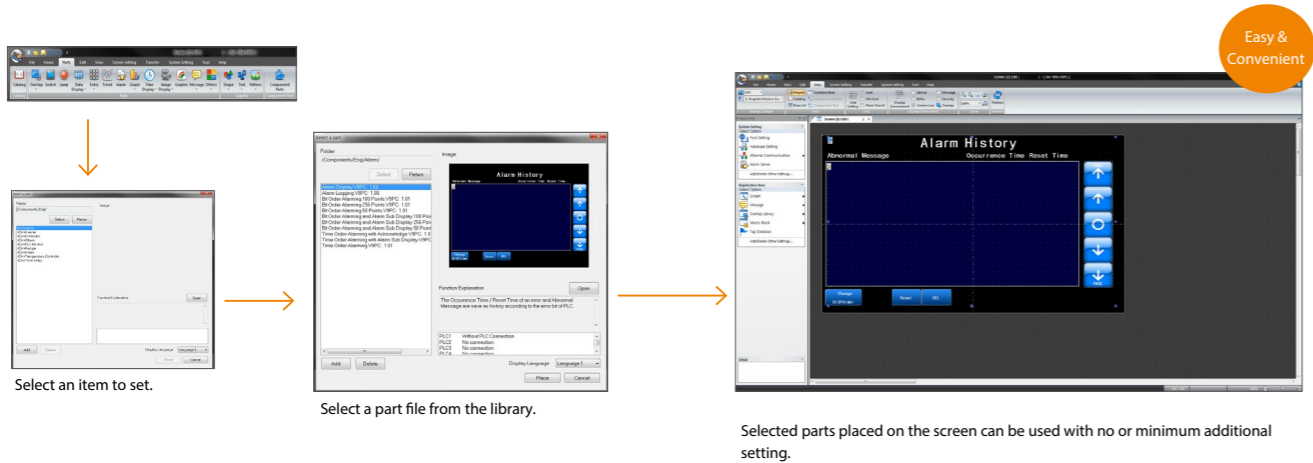


Drawing Software

"Component Parts" facilitate screen configuration
 Convenient tool assists user in creating functional screens instantly.

Component Parts First in Industry

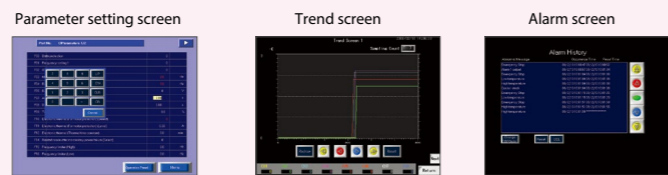
In "Component Parts" various functions and macros have been arranged according to purpose. User can create a functional screen instantly by simply selecting a "Component Parts" from the parts list and placing it on the screen.



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.

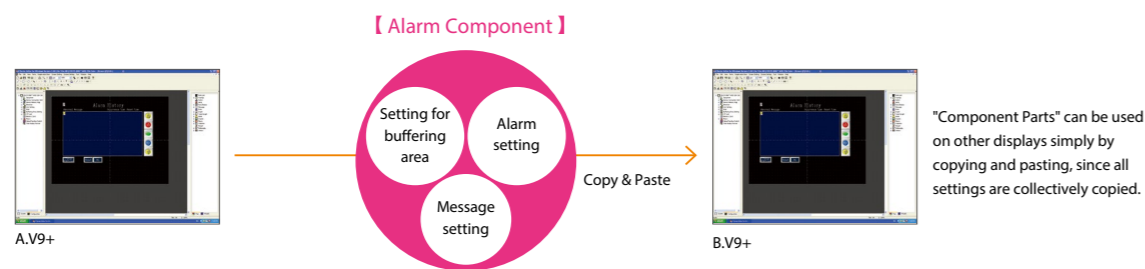
"Component Parts" for temperature controllers



These screens can be used simply by placing a Component part.

Point 2 Easy Utilization of Resource

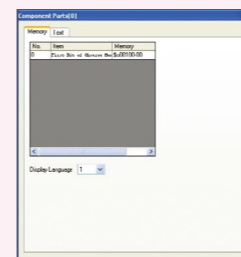
"Component Parts" contain all necessary settings for operation, therefore do not need any additional setting when used on other displays. They can be used simply by copying and pasting.



Point 3 Simply Setting View

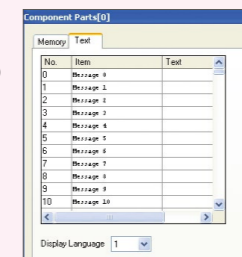
After placing "Component Parts" they can be easily used simply by setting addresses and texts.

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



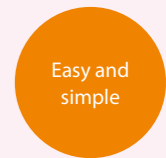
Example of Setting View ("Component Part" for alarm history)
 Set an address for alarm monitoring.

Memory setting



Set a text for each alarm message

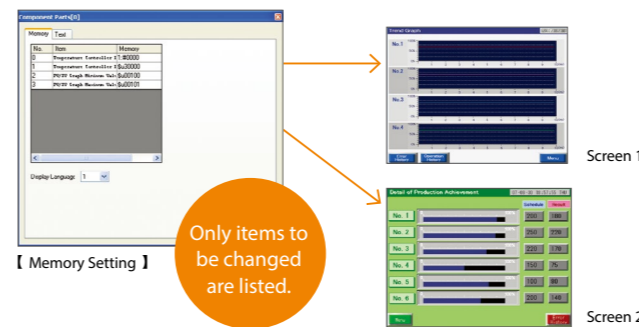
Text setting



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

Point 4 Batch Change of Addresses/Texts

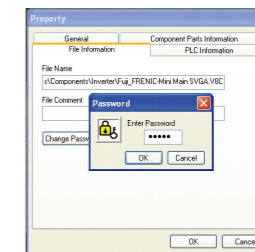
When the same address or text is used for multiple screens, all the settings can be changed simultaneously on the setting view simply by registering it in the address/text table of a "Component Part"



Only items to be changed are listed.

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.



Point 6 Various "Component Parts"

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

[Example of "Component Parts"]

<p>Temperature controller</p> <p>Displays for monitoring and parameter setting of temperature controllers can be made easily.</p>	<p>Inverter</p> <p>Displays for monitoring and parameter setting of inverters can be made easily.</p>	<p>Robot controller</p> <p>Displays for monitoring and operation setting of robots can be made easily.</p>	<p>I/O monitor</p> <p>Displays for I/O monitoring of PLCs can be made easily.</p>	<p>Date setting</p> <p>Displays for date setting can be made easily.</p>
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Expandability with MES / Ethernet

Supporting the construction of advanced MES

AnyTouch(W8+/W9+) 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(W8+/W9+). 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.

Decreasing System Load

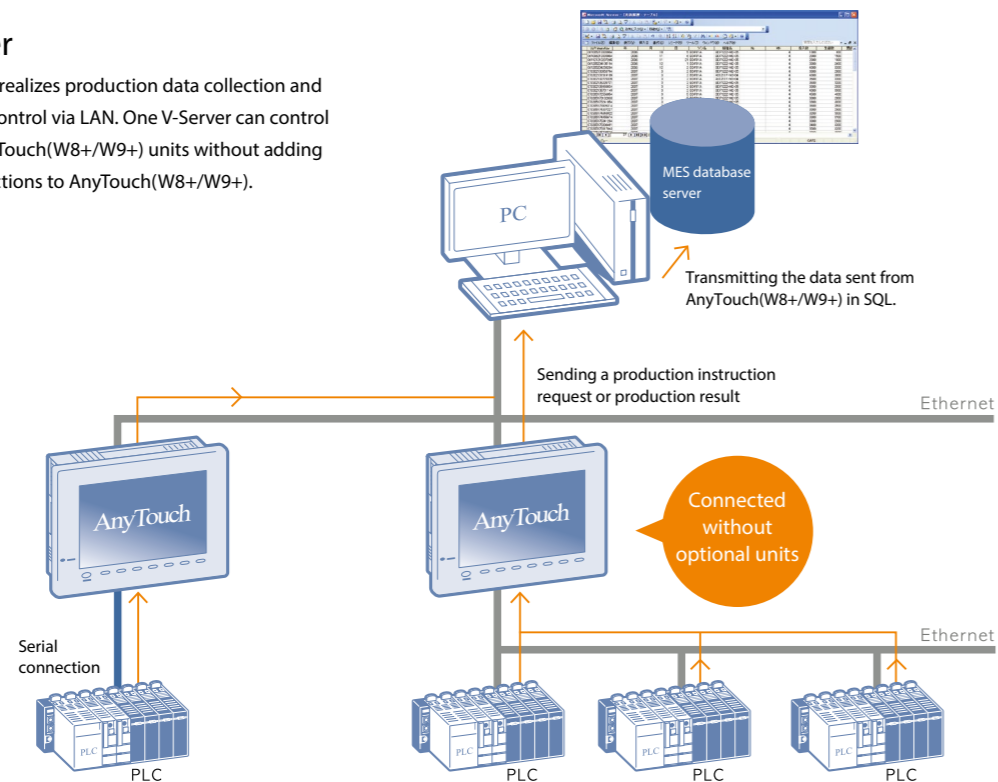
Data can be transferred to the database server of AnyTouch(W8+/W9+) when conditions are fulfilled. The server does not need to keep monitoring production, therefore the load on system can be decreased.

※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(W8+/W9+) units without adding optional functions to AnyTouch(W8+/W9+).



Function of extension with Ethernet

FTP Server

PC can read and write the data of AnyTouch(W8+/W9+) 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(W8+/W9+) via network. It is help to check whole site of the factory line.

Remote Desktop

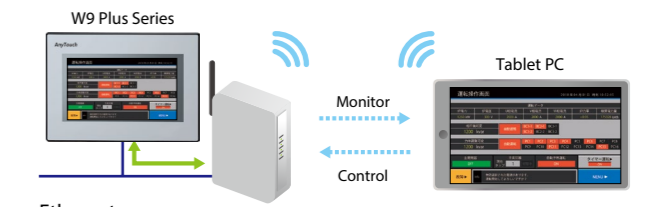
Display of PC can be shown on the AnyTouch(W8+/W9+) screen by connecting Ethernet. It is possible to check work standard or manual which is stored in office PC.

Web Browser

It is possible to browse HTML and image files on internet with AnyTouch(W8+/W9+).

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.



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



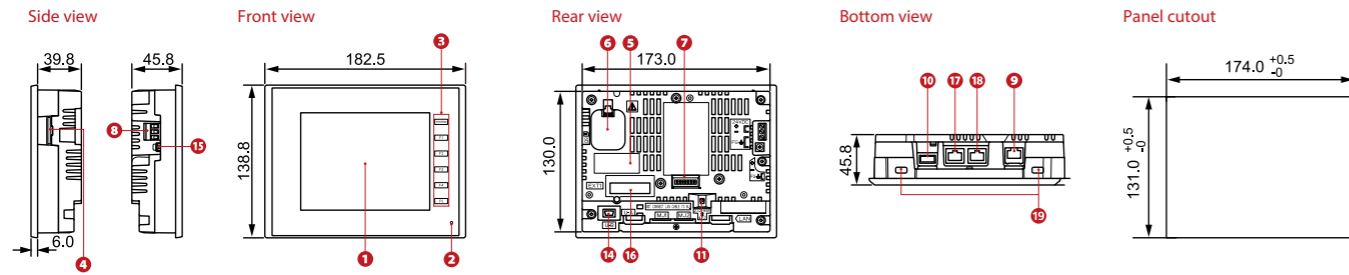
- Gather and store data of PLC
- Gather and store sampling data of AnyTouch(W8+/W9+)
- Gather and store recipe data
- Send an email by alarm monitoring function
- Control data with application program of PC by DDE function
- Transfer display data of AnyTouch (W8+/W9+) via Ethernet

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

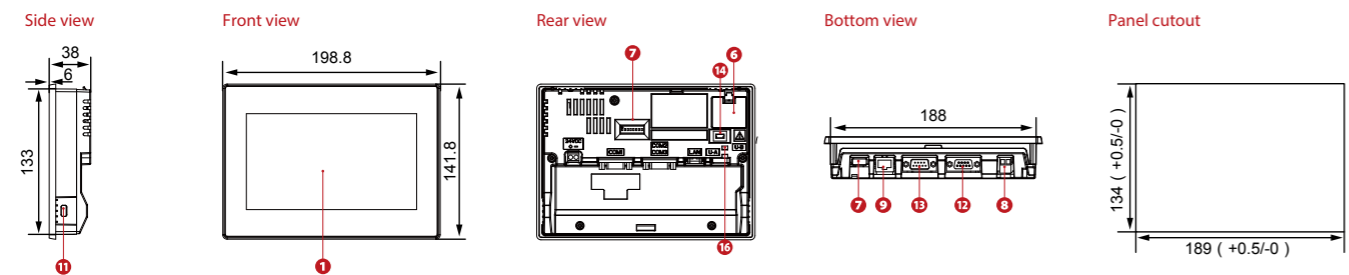
Dimensions and Part Names

Provided with plentiful kinds of interfaces
(unit: mm)

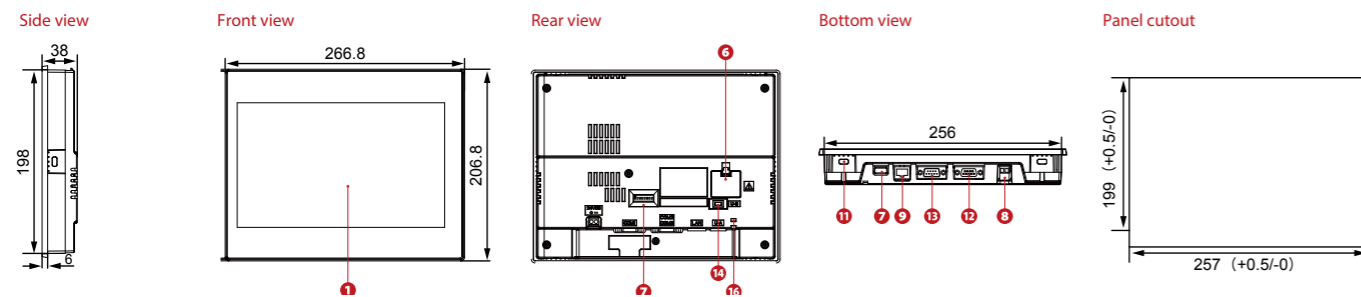
W806iCD+



W907iCD+ / W907CD+



W910iCD+



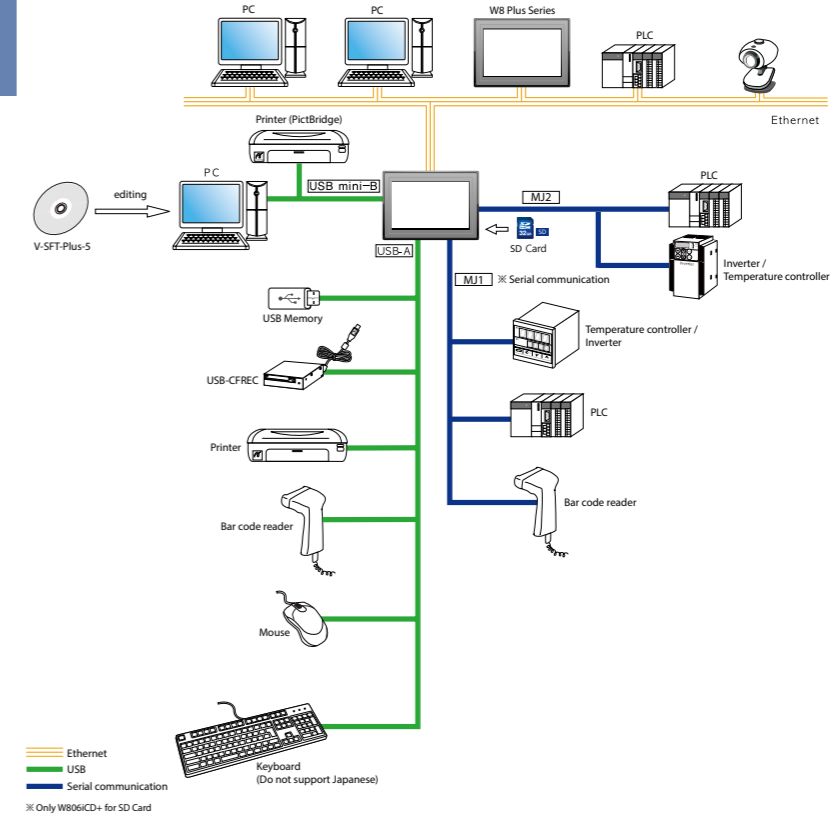
Part Names

- 1 Display
- 2 POWER lamp
- 3 Function switch
- 4 SD card slot(SD)
- 5 Connector for optional unit(EXT1)
- 6 Battery holder
- 7 Dip switch
- 8 Power supply terminal
- 9 100BASE-TX / 10BASE-T port(LAN)
- 10 USB Master(U-A)
- 11 Slide switch(LAN)
- 12 D-Sub 9 pin for serial(COM1)
- 13 D-Sub 9 pin for serial(COM2/COM3)
- 14 USB Slave(Type mini-B)
- 15 FG terminal for communication
- 16 Screw hole for fixing USB cable lock
- 17 Modular Jack(MJ1)
- 18 Modular Jack(MJ2)
- 19 Screw hole

System Configuration

Flexible system configuration meets diversified requirements

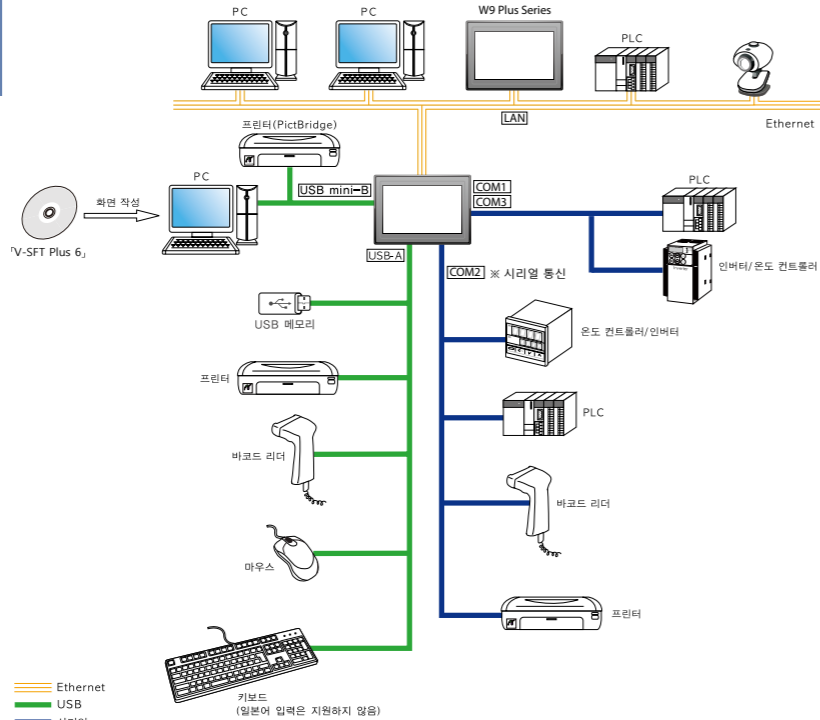
W806iCD+



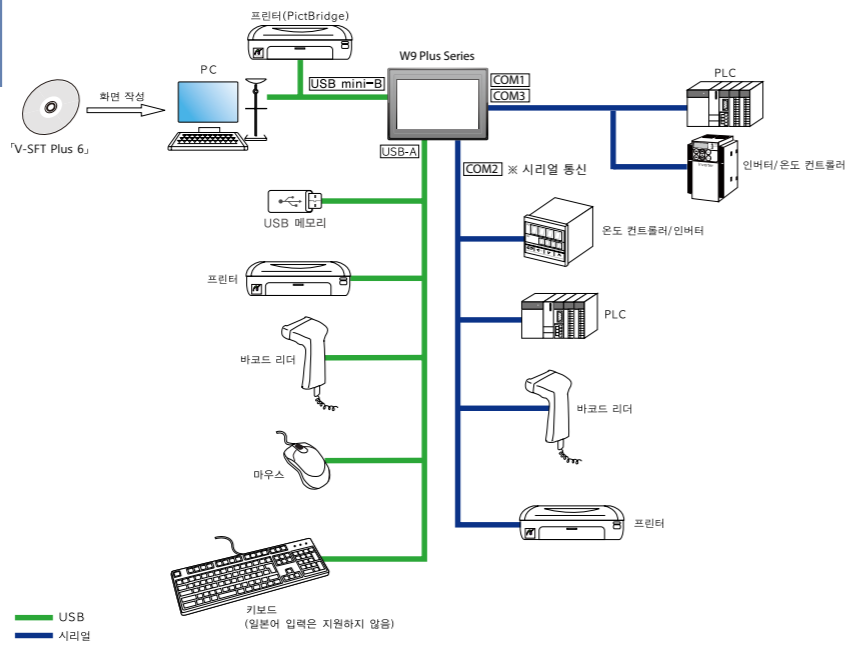
System Configuration

Flexible system configuration meets diversified requirements

W907iCD+
W910iCD+



W907CD+



Specifications

General Specifications

Item	Model	W806iCD+	
Display Specifications	Display size	5.7 inch(QVGA)	
	Resolution	320 x 240 dots	
	Display device	TFT color LCD	
	Colors	65,536 colors(without blinks: 32K color/256 color/128 color/Black)	
	Backlight	LED	
Touch switch	-	Analog	
Memory	FROM	10.5M byte	
	SRAM	512K byte	
External Interface	Serial	D-sub 9 pin ^{※1}	RS232C/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
		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 A, Type mini-B(Ver. 2.0)	
Battery	Battery specification	Lithium Battery/5years(Surrounding air temperature 25°C)	
Power Supply	Rated voltage	DC 24V±10%	
	Power consumption	13W or less	
Physical Environment	Surrounding air temperature	0 ~ +50°C ^{※4}	
	Storage surroundnign air temperature	-10 ~ +60°C ^{※4}	
	Operational/Storage ambient humidity	85% RH or less (Without dew condensation, wet-bult temperature of 39°C 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 W806iCD+ 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°C or lower to prevent malfunction

Item	Model	W907CD+	W907iCD+/W907iCD+_U004	W910iCD+/W910iCD+_U004
Display Specifications	Display size	7.0 inch Wide		
	Display device	TFT color LCD		
	Resolution	800 x 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	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	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°C ^{※2}		
	Storage surroundnign air temperature	-10 ~ 60°C ^{※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 x 141.8 x 38.0mm	266.8 x 206.8 x 38.0mm	
	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 gasket), 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°C or lower to prevent malfunction

Option Unit

Various units for greater expandability and usability

General Specifications

Mounting Unit

● Communication Unit



CUR - xx(Communication Interface Unit)

XX	Compatible network	XX	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.

※ W806iCD+ Only

Cables

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

Options

TC-D9(Terminal Converter)※

Connects W8+ with other units via RS-422/485 terminal.

※ W806iCD+ Only



DUR-00(Option Unit)※

Used for serial connection with D-Sub 9 pin.

※ W806iCD+ Only

V906T-GS/V906T-GSN10

Protection sheets for panels N10 is a non-glare type sheet(5 sheets per set)

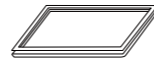
※ For W806+ Series



TS1070S-WP/TS1100S-WP(Waterproof Gasket)

For IP65 protection structure required. Can be used with/without Ethernet.

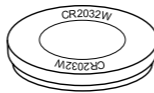
※ For W9+ Series



TS - BT(Replacement Battery)

A replacement lithium battery (CR2032W of Sony Energy Devices)

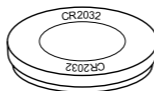
※ For W806+ Series



CR2032(Replacement Battery)

A replacement lithium battery

※ For W9+ Series(Please contact Sales person for purchase.)



PLC & Temperature Controller & Inverter

Need confirmation before use

PLC Communication Driver List

Maker	PLC	Maker	PLC
RS Automation	NX7/NX Plus Series (70P/700P/CCU+)	KEYENCE	KV-1000 (Ethernet TCP/IP)
	N7/NX Series (70/700/750/CCU)		KV-3000/5000
	NX700 Series (Ethernet)		KV-3000/5000 (Ethernet TCP/IP)
	X8 Series		KV-7000 (Ethernet TCP/IP)
SAMSUNG	X8 Series (Ethernet)	KOYO ELECTRONIC	SU/SG
	SPC series		SR-T (K protocol)
	N_plus		SU/SG (K-Sequence)
	SECNET		SU/SG (MODBUS RTU)
Allen-Bradley	PLC-5	LS	MASTER-Kxxx5
	PLC-5 (Ethernet)		MASTER-Kxxx5 CNET
	SLC500		MASTER-K series (Ethernet)
	SLC500 (Ethernet TCP/IP)		GLOFA CNET
	NET-ENI (SLC500 Ethernet TCP/IP)		GLOFA GM7 CNET
	NET-ENI (MicroLogix Ethernet TCP/IP)		GLOFA GM series CPU
	MicroLogix		GLOFA GM series (Ethernet UDP/IP)
	MicroLogix (Ethernet TCP/IP)		XGT/XGK series CNET
	ControlLogix / CompactLogix		XGT/XGK series CPU
	ControlLogix (Ethernet)		XGT/XGK series (Ethernet)
Automationdirect	Micro800 Controllers	MITSUBISHI ELECTRIC	XGT/XGI series CNET
	Micro800 Controllers (Ethernet TCP/IP)		XGT/XGI series CPU
	Direct LOGIC (K-Sequence)		XGT/XGI series (Ethernet)
	Direct LOGIC (Ethernet UDP/IP)		A series Link
Azbil	Direct LOGIC (MODBUS RTU)	MITSUBISHI ELECTRIC	QnA series link
	MX series		QnA series (Ethernet)
Baumüller	BMx-x-PLC		QnH (Q) series link
BECKHOFF	ADS Protocol (Ethernet)		QnH (Q) series CPU
	BP Series		QnU series CPU
CIMON	CP Series		Q00J/00/01 CPU
	S Series		QnH (Q) series (Ethernet)
	S Series (Ethernet)		QnH (Q) series link (multi CPU)
DELTA	DVP Series		QnH (Q) series (multi CPU) (Ethernet)
	DVP Series (MODBUS ASCII)		QnH (Q) series CPU (multi CPU)
	DVP Series (MODBUS TCP/IP)	QnH (Q) series (Ethernet ASCII)	
EATON Cutler-Hammer	ELC	QnH (Q) series (multi CPU) (Ethernet ASCII)	
EMERSON	EC10/EC20/EC20H (MODBUS RTU)	QnU series (built-in Ethernet)	
FANUC	Power Mate	L series link	
FATEK AUTOMATION	FACON FB series	L series (built-in Ethernet)	
FESTO	FEC	L series CPU	
FUFENG	APC Series Controller	FX2N/1N series CPU	
Fuji Electric	MICREX-F Series	FX15 series CPU	
	MICREX-F Series V4-compatible	FX series link (A protocol)	
	SPB (N mode) & FLEX-PC series	FX3U/3UC/3G series CPU	
	SPB (N mode) & FLEX-PC CPU	FX3U/3GE series (Ethernet)	
	MICREX-SX SPH/SPB/SPM/SPE/SPF series	FX3U/3UC/3G series link(A protocol)	
GE Fanuc	MICREX-SX SPH/SPB/SPM/SPE/SPF CPU	FX5U/SUC series	
	MICREX-SX (Ethernet)	FX5U/SUC series (Ethernet)	
	90 series	Alink+Net10	
	90 series (SNP-X)	Q170MCP (multi CPU)	
Hitachi	90 series (SNP)	Q170 series (multi CPU) (Ethernet)	
	90 series (Ethernet TCP/IP)	IQ-R series (built-in Ethernet)	
	RX3i (Ethernet TCP/IP)	IQ-R series link	
	HIDIC-S10/2alpha, S10mini	IQ-R series (Ethernet)	
Hitach Industrial Equipement Systems	HIDIC-S10/2alpha, S10mini (Ethernet)	MODICON	MODBUS RTU
	HIDIC-S10/4alpha	MOELLER	PS4
	HIDIC-S10V	OMRON	SYSMAC C
	HIDIC-S10V (Ethernet)		SYSMAC CV
HIDIC-H	SYSMAC CS1/CJ1		
HIDIC-EHV	SYSMAC CS1/CJ1 DNA		
HYUNDAI	HIDIC-EHV (Ethernet)	SYSMAC CS1/CJ1 (Ethernet)	
	Hi5 Robot (MODBUS RTU)	SYSMAC CS1/CJ1 (Ethernet Auto)	
	Hi4 Robot (MODBUS RTU)	SYSMAC CS1/CJ1 DNA (Ethernet)	
	MICRO 3	Panasonic	FP Series (RS232C/422)
MICRO Smart	FP Series (TCP/IP)		
MICRO Smart pentra	FP Series (UDP/IP)		
JetControl series2/3 (Ethernet UDP/IP)	FP-X (TCP/IP)		
JETEK	TOYOPUC	FP7 Series (RS232C/422)	
	TOYOPUC (Ethernet)	FP7 Series (Ethernet)	
	TOYOPUC (Ethernet PC10 mode)	JW series	
	TOYOPUC-Plus	JW100/70H COM port	
KEYENCE	TOYOPUC-Plus (Ethernet)	JW20 COM port	
	TOYOPUC-Nano (Ethernet)	JW series (Ethernet)	
	KZ series link	JW300 series	
	KZ-A500 CPU	JW311/312/321/322 series (Ethernet)	
KEYENCE	KZ/KV series CPU	SHARP	JW331/332/341/342/352/362 series (Ethernet)
	KZ24/300 CPU		PCD
	KV10/24 CPU		PCD S-BUS (Ethernet)
	KV-700		S5 PG port
	KV-700 (Ethernet TCP/IP)		S7
	KV-1000		S7-200 PPI
SAIA	Siemens	S7-200 (Ethernet ISOTCP)	
		S7-300/400MPI	
		S7-300/400 (Ethernet ISOTCP)	
		S7-300/400 (Ethernet TCP/IP PG protocol)	

PLC & Temperature Controller & Inverter

Need confirmation before use

PLC Communication Driver List

Maker	PLC
Siemens	S-1200/1500 (Ethernet ISOTCP)
	S7 PROFIBUS-DP
	T1500/505
SINFONIA TECHNOLOGY	TECO
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
TOSHIBA MACHINE	nv series (Ethernet UDP/IP)
	TC200
TOYO DENKI	μGPCsx series
	μGPCsx CPU
TURCK	μGPCsx series (Ethernet)
Ultra Instruments	BL Series Distributed I/O (MODBUS TCP/IP)
UNITRONICS	UIC CPU (MODBUS ASCII)
VIGOR	M90/M91/Vision Series (ASCII)
WAGO	Vision Series (ASCII Ethernet TCP/IP)
XINJE	M series
Yaskawa Electric	750 series (MODBUS RTU)
	750 series (MODBUS Ethernet)
	XC series (MODBUS RTU)
	Memobus
	CP9200SH/MP900
	MP2300 (MODBUS TCP/IP)
	CP/MP EXPANSION MEMOBUS (UDP/IP)
	MP2000 series
	MP2000 series (UDP/IP)
	MP3000 series (Ethernet UDP/IP)
Yokogawa Electric	MP3000 series
	MP3000 series (Ethernet UDP/IP)
	MP3000 series Expansion memobus (Ethernet)
	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)	
Others	FA-M3V (Ethernet ASCII)
	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)	
Agilent	Moscon-F50 (MODBUS RTU)	
ASAHI ENGINEERING	4263 series	
Azbil	Stepping Motor	
	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)	
Banner	AD4404 (MODBUS RTU)	
Bosch Rexroth	Presense PLUS (Ethernet/IP (TCP/IP))	
CHINO	Indra Drive	
	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
	Fuji Electric	PMAC (Ethernet TCP/IP)
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 (MODBUS RTU)		
FVR-C11S (MODBUS RTU)		
FRENIC5000G11S/P11S		
FRENIC5000G11S/P11S (MODBUS RTU)		
FRENIC5000V67S (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	
IAI	SJ700 series	
	X-SEL controller	
	ROBO CYLINDER (RCP2/ERC)	
	ROBO CYLINDER (RCS/E-CON)	
KOGANEI	PCON/ACON/SCON (MODBUS RTU)	
	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	
	J124-04x series	
	R1M series (MODBUS RTU)	
MOOG	ESAK	
M-SYSTEM	ESAK-T	
OMRON	ESAN/ESEN/ESCN/ESGN	
	ESAR/ESER	
	ESCK	
	ESCK-T	
	ESCN-HT	
	ESEK	
	ESZD	
	ESZE	
	ESZN	
	V600/620/680	
	KM20	
	KM100	
	V680S (Ethernet TCP/IP)	
	High-efficiency AR Series (MODBUS RTU)	
	CRK Series (MODBUS RTU)	
Panasonic	MINAS A4 Series	
RKC	LP-400	
	KW Series	
	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)

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

알에스오토메이션주식회사

경기도 평택시 진위면 진위산단로 38 #17709
T. 031.685.9300 F. 031.685.9500 A/S. 1588.5298 W. www.rsautomation.co.kr

RS Automation Co., Ltd.

38, Jinwisandan-ro, Jinwi-myeon, Pyeongtaek-si, Gyeonggi-do, Korea, Zip code : 17709
T. +82.31.685.9300 F. +82.31.685.9500 A/S. 1588.5298 W. www.rsautomation.biz

RS Automation USA LLC.

900 Wigwam Parkway Suite 100, Henderson NV 89014 USA
W. www.rsautomation.biz / www.rsautomationusa.com

宁波信智自动化有限公司

浙江省宁波市镇海区蛟川街道北欧工业园金溪路3号A10栋2楼
总机. +86.574.2650.9821 传真. +86.574.8650.9637 网址. www.rsautomation.cn