

Function List

		Cycle (shortest)	Maximum number			Cycle	Maximum number		
Basic function	Collection and accumulation	Collecting data	1s	—	Display function	Graphic display	Display analog values and device status on system diagrams etc.	5s	20screens
		Historical trend	60s	7days		List of signal	List each equipment and measurement value	5s	100groups
		Daily report	—	366days		Alarm history	List alarm occurrence / recovery	5s	All 2000cases
		Monthly report	—	24months		Activity history	List device activities	5s	—
	Yearly report	—	3years	Operation history		List device operation	5s	10000cases	
User management	Screen customization for each user based on login authority management	—	10users	Trend display	Graph display of time series of measured values and movement	—	200points		
Monitoring function	Status monitoring	Monitor the status of each facility	—	—	Control function	Individual control	Control equipment	If any	—
	Failure monitoring	Monitor each equipment's abnormalities	—	—		Schedule display	Schedule control of device operations	Schedule time	—
	Upper / lower limit value measurement monitoring	Monitor upper and lower limit abnormalities of analog input data	—	—		Form creation	Download CSV file by day, month, year	—	—
	Disconnection monitoring	Monitor input errors (range deviation) in analog input data	—	—	Communication function	Number of control signals	Analog input / output, Digital input / output, pulse input, Multi-state input / output	—	1000points
	Start / stop failure monitoring	Monitor device operating status during control output	—	—					
	System monitoring	Monitor the status of system components (PLC, B-BC, Remote I / O)	PLC : 5 s B-BC : 90s	—					

Connection interface

PLC	FujiElectric Mitsubishi Electric Keyence OMRON	Micrex-SX MelsecQseries KVseries SYSMAC	BACnet	ANSI/ASHRAE Standard 135-2004 ANSI/ASHRAE Standard 135-2004, Addendum a,b The Institute of Electrical Equipment IEEI-P-0003:2000 Addendum a The Institute of Electrical Equipment IEEI-G-0006:2006	SNMP	SNMPv1 SNMPv2c
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Hardware specifications

Model	FRH1-A0000	Interface	Ethernet	10/100/1000M×2	
CPU	Intel Atom E3845 1.91GHz	USB	2.0×2		
Memory	4GB	Serial	RS-232C×2 (9pinD-Subconnector Non-insulated)		
Power supply	Input voltage DC12~24V (Powerconnector, AC adapter installation)	DVI-I	1		
Power consumption		40W	Storage interface	CFast×2	
Physical environment	Operating temperature	0~50°C (However, when using GHz: 0~45°C) ※1	RTC	Backuptime	Retained for at least 10 years with lithium primary batteries (Battery is not consumed while energized)
	Storage temperature	-10~60°C			
	Operating Humidity	10~90% RH (No condensation)			
	Storage Humidity	10~90% RH (No condensation)			
Dimension	178 (W) × 115 (D) × 29 (H) mm (Excluding protrusions)				
Weight	0.8kg (Does not include mounting bracket)				

※1 Depends on installation direction.
※The specifications of hardware may change depending on the installed application.

※ Please consult us for optional functions or customization.

⚠ Safety precautions

※ Please read the "Instruction Manual" and "Specifications" carefully before use, or consult us or your dealer for proper use.

※ Please handle by a person with specialized skills in the relevant field.

FiTSA FIT-Ve Terminal



User-like evolution for visualization



LESS
COMPLEXITY,
MORE
FLEXIBILITY

The aim was manualless. Highly flexible monitoring that can be built by customers with minimal settings and operations.

*Supervisory system of the customer,
by the customer, for the customer*

So far monitoring system requires a number of processes such as signal definition → assignment → various engineering → in-house testing → on-site testing before delivery, when making changes or additions after operation, it took time and effort to stop the operation and set it again. The "FiT_VeTerminal" eliminates the inconvenience. Minimize the process from initial setting to addition / change after operation, aimed at a highly flexible manualless system for customers

Processless

Simple Setting

We will deliver the product after initial definition at our company, so you can start using it just by connecting the "Fit Ve Terminal" with the display PC so that you can use it from the day you bought the mobile phone. Of course, if you have any questions, a professional SE will support you carefully.



BACnet device

PLC

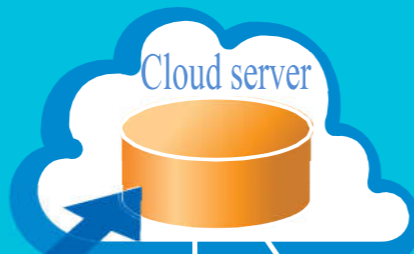
Equipment

*USB back up
just in case*

Borderless

Flexible Engineering

By placing the monitoring system environment on a cloud server, engineering that is not limited by time or place is possible. For example, various engineering forms can be performed, such as designing a screen while meeting with customers at a place away from the monitoring site.



Environmental setting CSV
Signal definition CSV

*Simple construction
just by entering
definition file*

*Meeting with
customers
who used cloud
environment*

imitationless

Original Customization

The monitoring screen is not a uniform function, but can be constructed according to the customer's needs and objectives. In addition, you can create your own screen for each user, not just the administrator. Each person can set the group or monitoring point that they want to see.



*Free definition
for every user*

*Edit to your
own screen*

*Suit your
every need*

Simple but multifunctional and high performance

- Also can create graphic screens when online
- Equipped with a reassuring screen function that supports work such as calendar, execution schedule, master schedule
- Accumulated data is automatically saved outside
- Supports open technology by Linux

*Strong and reliable
by any chance*

Compact but strong

- Reliable system (system recovery)
Sudden hardware failures and system crashes are unavoidable failures with IT equipment. Therefore, a system was built to quickly restore the system, emphasis was placed on resilience and starting with USB back up.