

SMS-55

Alarm Monitoring & Control System



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SMS-55 responds to your concerns about the safe and efficient operation of your vessels

Concern

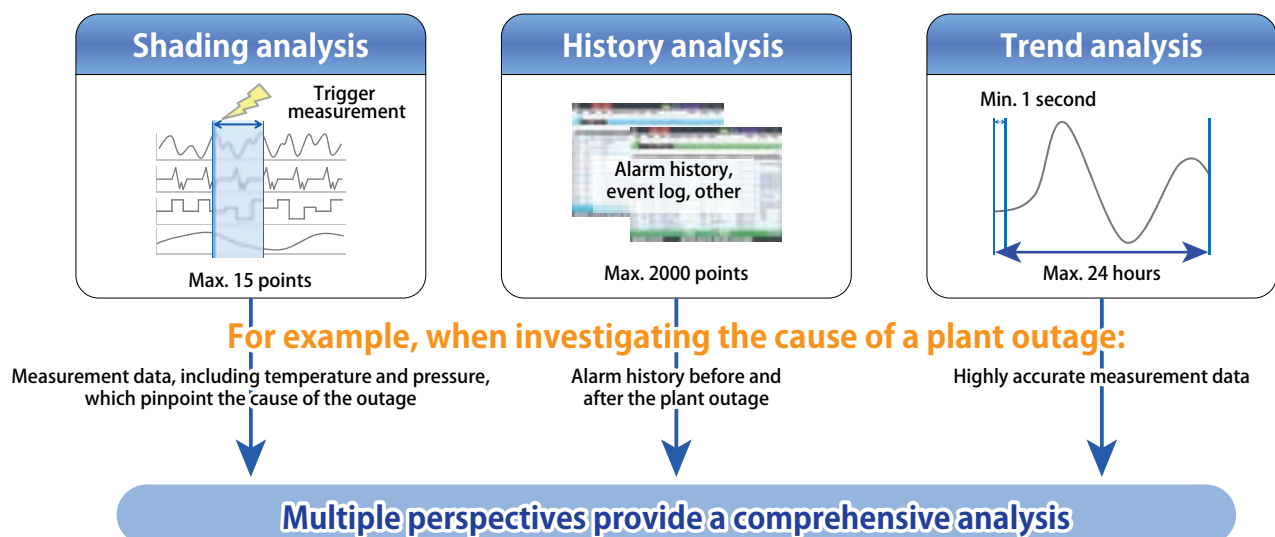
How can we visualize the best way to reduce costs, improve fuel efficiency, and comply with environmental regulations?

Solution

Analyze the data from multiple perspectives and make it easier to understand

Trend and history functions

SMS-55's diverse set of data collection, measurement and analysis functions enables the use of multiple perspectives to provide a comprehensive analysis of any problem from the moment it occurs.



Data output

SMS-55 includes a USB port as a standard data output device.

Data can be saved to a USB memory stick to be viewed on a personal computer or sent by email.



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by utilizing JRCS's extensive knowledge of LNG vessels and superior technical skills.

Concern

How can we achieve a fixed level of standards for crew operations?

Solution

Reduce human error through intuitive operation and simple maintenance

Intuitive operation

Touch operation via LCD displays provides direct control.

*In 1994, JRCS became the first company in the world to apply operation via LCD touch panel to marine systems.



Concern

How can we find speedy and reliable solutions?
How can we prepare for emergencies?

Solution

Ensure reliability through redundancy of critical systems and prompt solutions to problems

Detailed notification of malfunctions

Malfunctions are visually illustrated and detailed information is displayed.



Analysis of errors and malfunctions

The cause of the trouble can be determined by analyzing the relationship between an error or malfunction and system operations.

Event log Operation history

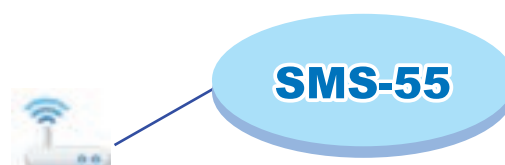


Optional features

Tablet compatibility

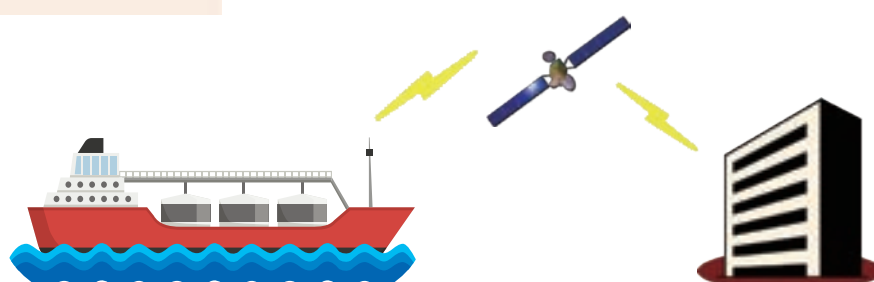
AMS screen can be viewed on a PC or tablet.

Ext-VDU



Ship-to-shore communication

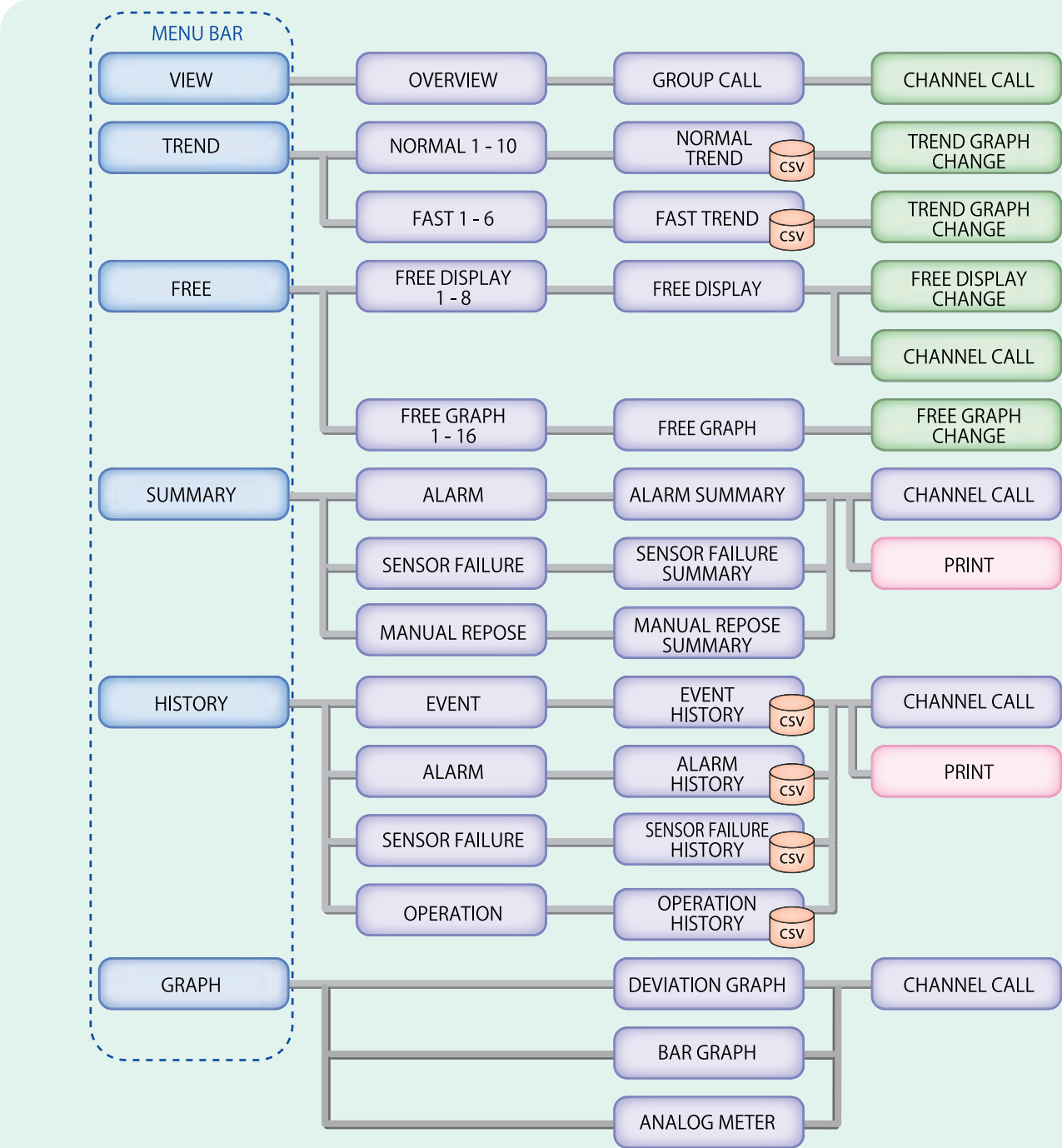
Ship-to-shore communication allows for linkage with platforms that connect vessels to land. We offer solutions for monitoring and analyzing onboard data on land.

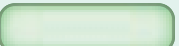


SMS-55

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Display System Chart (1)

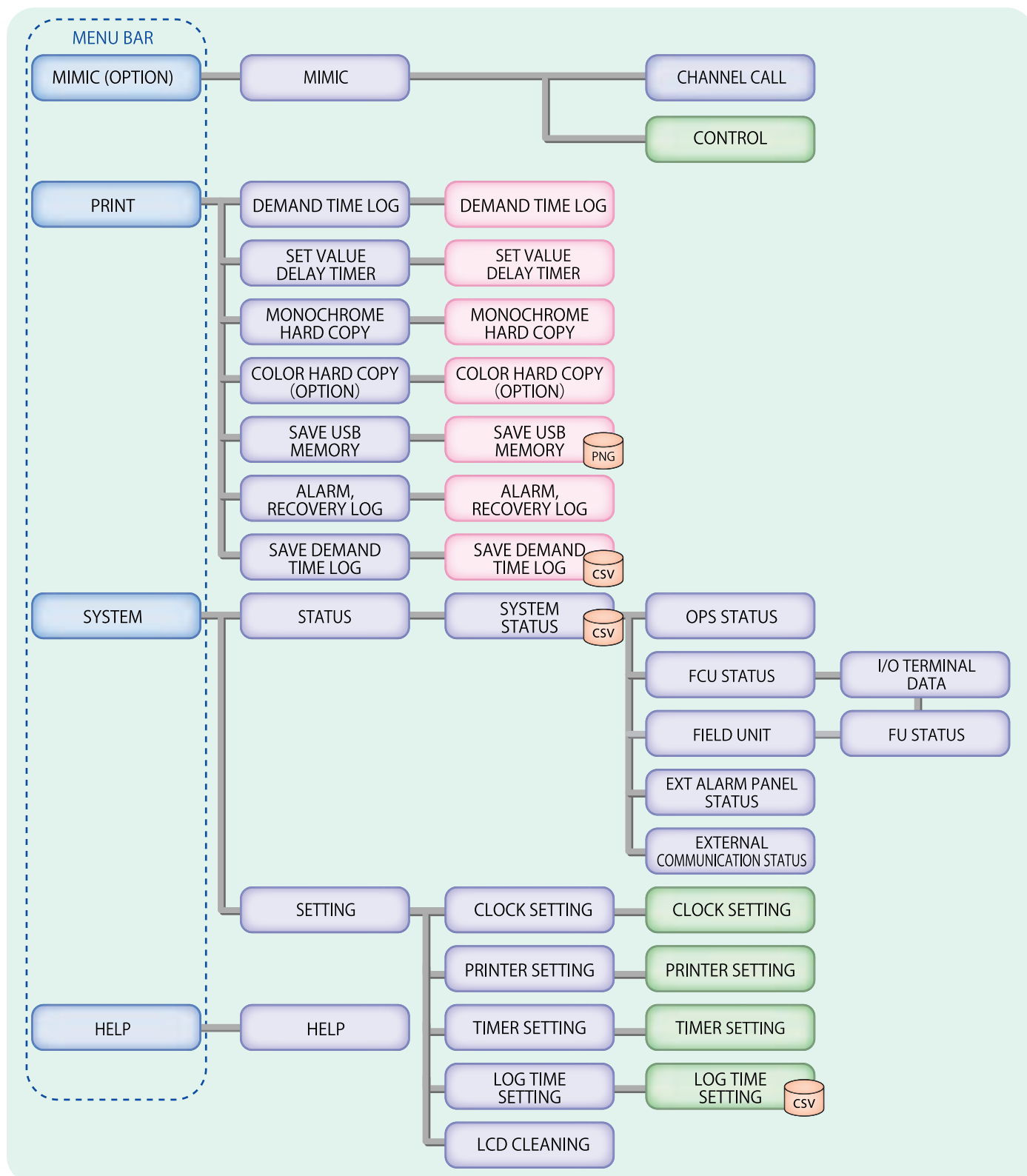


 : Menu display  : Display / Set mode  : Can be saved as a PNG file
 : Display mode  : Printout mode  : Can be saved as a CSV file

SMS-55

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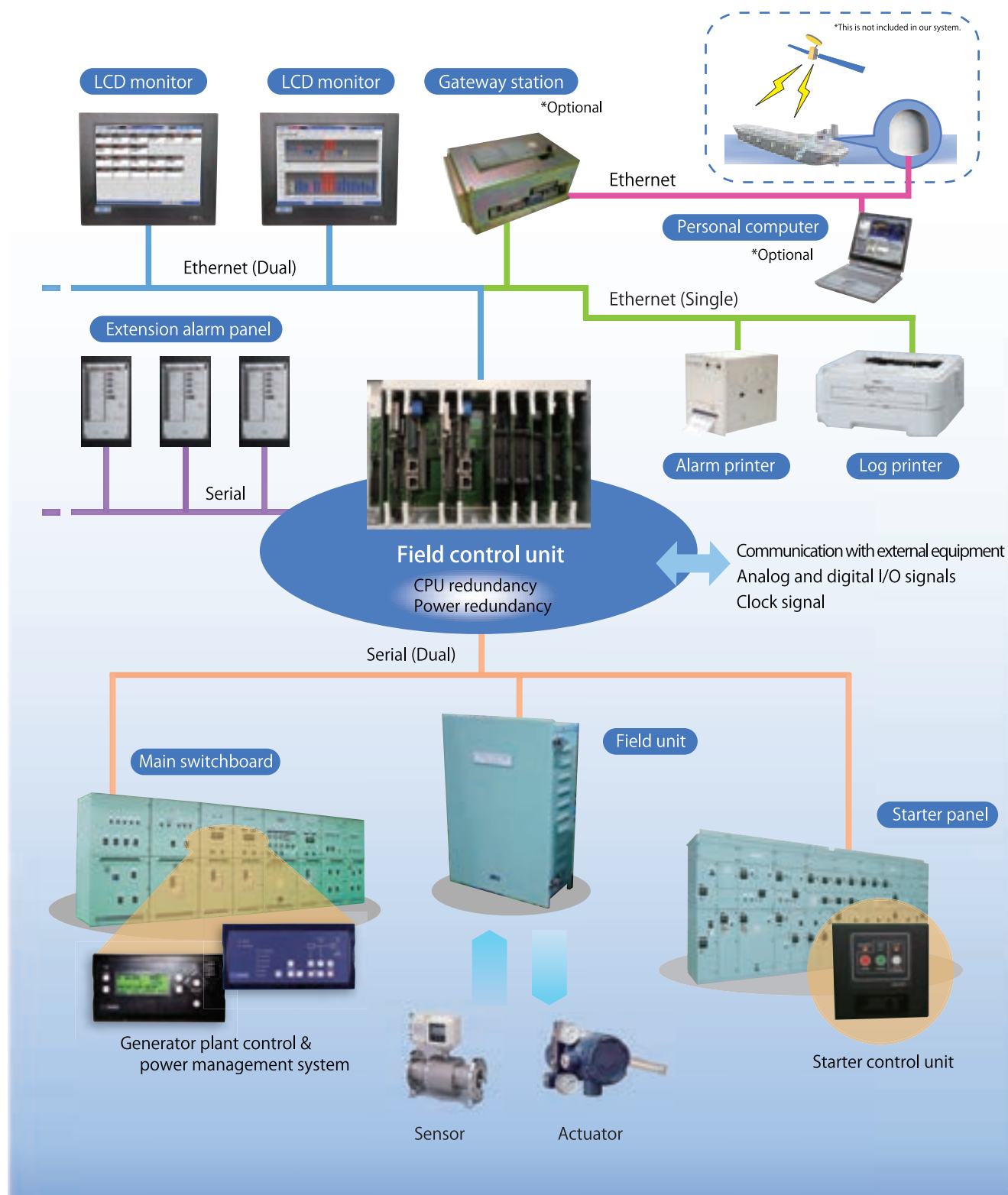
Display System Chart (2)



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System Configuration



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Specifications

Item	Specifications
LCD monitor	15-inch LCD (standard) 19-inch LCD (standard) 24-inch wide LCD (optional) Touch panel Input device: Trackball (optional) Keyboard (optional) Maximum connected devices: 10
Total I/O points	Max. 3,000 points including analog and digital
Type of input	Analog Temperature (resistance bulb) Pt100 Ω , 2 wires / 3 wires Temperature (thermocouple) K type Current DC4-20 mA Voltage DC1-5 V Digital Dry-contact DC24 V, 10 mA Pulse (ON 100 msec / OFF 100 msec or more) DC24 V, 10 mA
Type of output	Analog Current DC4-20 mA, load impedance max. 500 Ω Digital Relay (contact) output DC24 V, 0.5 A / AC125 V, 0.2 A / AC220 V, 0.5 A Transistor output DC24 V, 0.2 A
Communication ports	Serial communications RS-422 4 ports (standard) Extension 5 ports (optional) Ethernet communication 2 ports (optional)
Field unit	Maximum connected devices: 20
Extension alarm panel	Maximum connected devices: 20 LED type (standard), LCD type (optional)
Printers	Log printer (monochrome laser) Alarm printer (dot matrix) Hard copy printer (color laser, optional)



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