Hitachi's computer operation
control network system for SET-FREE

Central Station DX

HITACHI
Inspire the Next

Managing maximum 2048 groups of air-conditioners
Up to 2560 units of indoor units can be controlled and monitor with just one computer
Advanced functions but easy control for huge air-conditioning system.

Models Description

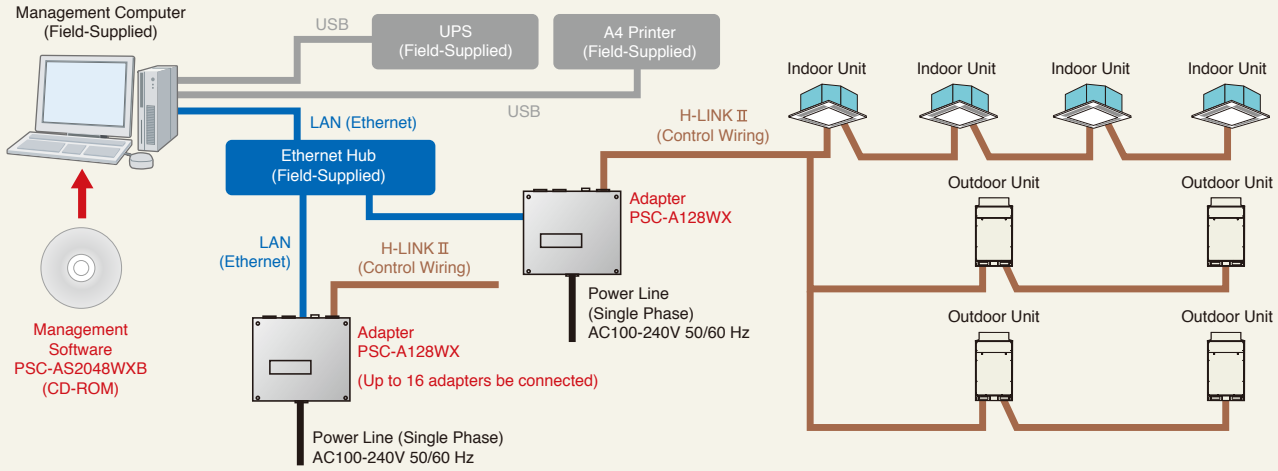
Adapter
PSC-A128WX

+

Management Software
PSC-AS2048WXB

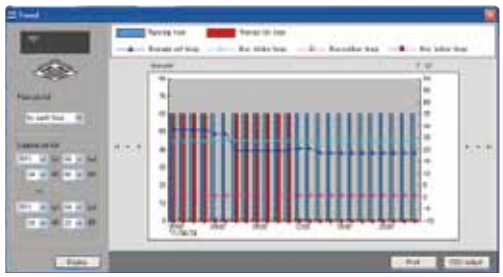
- **Improved operation ability by tree view and simple schedule setting**
- **Visualize graphic display of trend operation data showing elapsed operation time, temperature setting, intake temperature for each specified group of air-conditioner.**
- **Controlling Outdoor unit operation function setting, capacity control, low noise control through PC**
- **Having Operational Ratio for power consumption calculation for tenant use.**

Example for System Configuration



Displaying Graphics for Trend Data

- The graphics display are available by Group or/and Block as follows: Elapsed Operation Time, Thermo-ON Time, Setting Temperature, Intake Air Temperature, Ambient Temperature and Indoor Temperature
- Graphics can be output as CSV data. The datafi le can be analyzed and/or edited on a spreadsheet application.
- History data for up to 2 years will be stored to facilitate data comparison.



Specification for Management Computer

Items	Specification
OS	Windows®XP (English version 32 bit)
CPU	CPU Intel Core TM 2Duo 1.8GHz or more
Memory	2GB or more
Free Space in Hard Disk Drive	Minimum 5GB for each H-LINK + 0.3GB for each additional REFGN Cycle. (Further additional 16GB or more is required for Check-Unit data collection.)
Display Resolution	1,280 x 1,024
Drive	CD-ROM Drive (for upon installation only)
Interface	IEEE 802.3 (10BASE-T/100BASE-TX) (With wake-on-LAN function*2)
	USB
	RS-232C (*2)

*1: Use the management computer exclusively to this system.
*2: LAN with wake on LAN function or RS-232 Interface is required for UPS.
*3: Management computer is assumed to be always ON. It is strongly recommended to use computer for server or industrial use and/or to create hard disk mirror.
*4: Durable period for management computer may differ from that of air conditioners. Update periodically and discuss updating procedure in advance.

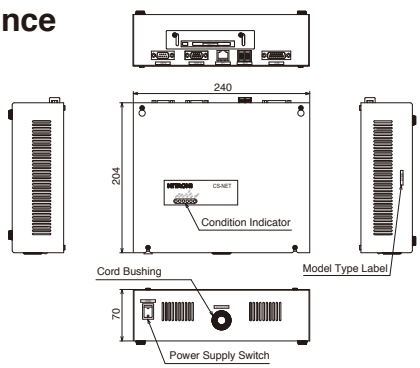
Functions

Contents	Items	
Energy Saving Function	Run/Stop	
	RC (Remote Control Switch) Operation Prohibition	
	Shifting Set Temperature (For Cool/Dry to Fan and Stop during Heating)	
	Switching Mode (Cool/Dry to Fan and Stop during Heating)	
	Outdoor Unit Capacity Control (Only if supported) (0, 40, 50, 60, 70, 80, 90, 100%)	
Facility Control and Monitor Function (Level Signal Only)	Control	Run/Stop
		Operation Mode (Cool/Heat)
		Emergency Stop (Only for Indoor Units Supporting this function)
	Monitor	Run/Stop
		Operation Mode (Cool/Heat)
		Alarm State

Specification of Adapter

Items	Specification
Power Supply	AC100V/200V±10% 50/60Hz
Input Power	15W and below
Operating Environment	Ambient temp: 0~40°C
	Ambient humidity: 20~85%RH (avoid condensation)
Dimensions	240(W) x 204(D) x 70(H)mm
Weight	1.85kg
Material	Stainless (SUS304)
Color	Silver
Interface	3 phase M3 screw bolt terminal
	2 phase M3 screw bolt terminal for H-LINK
	J45 connector for LAN cable
	PC card slot
	D-sub 9pin connector for RS-232 (Male)
	D-sub 9pin connector for RS-422/485(Female)
	D-sub 15pin connector for external output/input(Female)
Installation	Deferred
	Mall mounted (M5 bolt x4pcs are necessary)
Accessories	Operation manual, Installation manual, Ring core
Remarks	Indoor use only

Outer Appearance



Specifications in this catalog are subject to change without notice, in order that HITACHI may bring the latest innovations to our customers.

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