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**Accessories**

- **Software**
  - DCS002A71: Power Proportional Distribution (PPD)*
  - DCS004A71: E-mail / Web software
- **Installation box**
  - K/R411A: For wall mounted installation
- **Interface adapters**
  - KRP350A: For connection to Split units
  - DEC101A51-US: Input contacts: 8 inputs + 8 alarm inputs
  - DEC102A51-US: Input contacts: 4 inputs + 4 alarm inputs
- **Connector cable**
  - RLU232C: 22-foot connector cable (included)

**KWh meter**

- **Input**
  - Pulse transmitter: 1 Pulse to 1kW or 10 kW pulse width must be between 40 - 400 msec
- **Output**
  - No voltage output

More Freedom to Administrators

Connectable up to 128 Indoor Unit Groups (254 indoor units)

Control Daikin Systems Remotely

Centralized monitoring control system based on a Web browser (Optional)

Malfunction Reports to a Mobile Phone, Anywhere

Malfunction reports delivered by e-mail (Optional)

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A controller that offers freedom to administrators.

It is possible to control the air-conditioning system, via the Internet, from home or any other location with a PC. Should a malfunction occur, a notification is sent by e-mail to a cell phone or PC (any e-mail address specified by the user). This gives administrators the freedom to leave the room/building where the controller is located.

Control and management are possible via a standard Web browser (Internet Explorer 6.0SP1 or later in a Windows environment (PC)).

Functions Usable with a Web Browser

- Real-time status monitoring
- Operation
- Malfunction history display
- User password setting

Main Monitoring Screen

Notes
1. Microsoft Internet Explorer 6.0 SP1 or a later version, is the recommended Web browser for use with the system.
2. The Java plug-in is plug-in is required.

Control and Monitoring Functions

Color LCD Screen

Touch Screen Operation

Icon Display

With just two or three simple actions, you can specify the air conditioner you want and control it with the utmost speed.

 Allows easy operation of a variety of functions including the setting of operation mode and temperature.

The user can switch between the icon display, a list display and an icon detail display as desired.

RS-232C

CSV output of power proportional distribution (PPD) results (optional)

Remote monitoring and control, error report via internet, e-mail

Error report via mobile phone

Control pump lighting fixtures etc.

Monitoring of enter/exit sign

PI Port

Connection to electrical meter when using power proportional distribution function (optional)

Connect up to 128 Indoor Unit Groups (256 indoor units) with Dii-NET Plus adapter (option)

-5°F — 13°F deadband temperature by indoor unit groups (auto changeover group) subject to separation, permitting access to different levels of control functions

Passwords for general user and for administrators can be registered

The color of the icons indicating running and stopped status can be set according to respective purpose

Even when they are away from the controller.

The user-friendly controller already features colors and/or monitoring of unit.

Setting of operation mode and temperature according to respective purpose

The like (and locks the doors) without turning these off. Combining the Comfort function (optional)

Forced OFF

Emergency shutoff

Central control and/or monitoring

Centralized control remotely

Support for centralized control remotely

Built-in Ethernet port for connecting to internet or intranet

Address if malfunctions occur (Optional)

Using a PC with a Web browser (Optional)

ON/OFF of all air conditioners

Selection of zone or group display

Selection of icon on list display

ON/OFF settings for selected groups and/or zones

Displays current date and time

System

Display

Icon

Display of zone name

Can display detailed legend

Display of system condition (forced shutdown, etc.)

Allows you to set the name of the individual unit

Complete display of the status of all air conditioners

Various icons that you can set yourself

Selection of zone or group display

Selection of icon list display

ON/OFF settings for selected groups and/or zones

Displays current date and time

Function selection by touch

Page Up/Down

Selection of icon or group display

List Display

Icon Display

Icon Detail Display
Control and Monitoring Functions

Enhanced display and ease of use, plus expanded control functions.

Enhanced Scheduling Function
It is possible to set up an automated yearly schedule specifying such items as daily startup and shutoff times, temperature settings and operation modes. In addition, the number of patterns that can be registered has been increased from seven to 10.

Changing Display Colors
The color of the icons indicating running and stopped status can be changed. This makes it easy to customize the display to match the administrator’s preferences or match the display of other control devices.

Simple Interlock Function Added
The simple interlock function allows for controlling of multiple groups and zones based on the operation status of the selected groups or zones.

Enhanced History Function
The error history function keeps a detailed record broken down by malfunction items. This is an important feature for maintaining the system and dealing with malfunctions, and it helps ensure that appropriate maintenance work is performed.

Auto Heat/Cool Changeover
Automatic cooling/heating changeover maintains optimum room temperature by indoor unit groups (auto changeover group) subject to large temperature difference between night and day.

Security
Passwords for general user and for administrators can be registered separately, permitting access to different levels of control functions.

User-friendly icon-based centralized controller simplifies the VRV System.

The user-friendly controller already features colors and icons in the display for ease of understanding. A wide variety of control methods enables administrators to monitor and operate the system even when they are away from the controller.

Simple Interlock Function
The simple interlock function allows for controlling of multiple groups and zones (e.g., ON/OFF; R/C rejection; Operation mode; Set temperature; Ventilation mode; Ventilation rate setting) based on the operation status (or contact input status in the case of DI unit output).

Usage example

Lighting interlock
Energy is conserved by increasing/decreasing the set temperature for the indoor units when one of the lights in the same office is turned OFF. (The set temperature increases when cooling and decreases when heating.)

Key interlock
Turns off all indoor units and lights after somebody leaves the office or the like (and locks the doors) without turning these off. Combining the temperature limit function in commercial spaces allows for improved comfort upon the next entry into the room by maintaining a constant room temperature when the user is out. In the simple interlock function, the temperature limit function can be activated when the indoor units are turned OFF.

DIO Unit
Detects when the door is locked upon leaving the room.

DIO Unit
Detects when the door is unlocked upon entering the room.
A wide variety of control methods have been made available by advanced communication capabilities.

### Communication Functions

#### Connection Between Company LAN and intelligent Touch Controller

Operating a monitoring control system over a company LAN using company PCs.

- **Company LAN**
- **HUB**
- **Ethernet**

Network setup is necessary to make connections from a company LAN. Consult the LAN administrator for information on required settings.

#### Accessing intelligent Touch Controller from a Remote Location

Using a modem and a dial-up router, the intelligent Touch Controller can be accessed from a remote location not connected to the company LAN.

- **Company LAN**
- **Modem**
- **Public phone line**
- **Dial-up router**
- **Ethernet**

Consult the LAN administrator for information on required settings.

#### Receiving Malfunction Notifications via E-mail

Setup is necessary to receive malfunction notifications via e-mail. Also, the location to be accessed must have an SMTP server.

- **Company LAN**
- **Internet**
- **HUB**
- **Ethernet**

Consult the LAN administrator for information on required settings.

#### Accessing intelligent Touch Controller via the Internet

When accessing the intelligent Touch Controller via the Internet, maintaining network security becomes an important consideration. It is necessary to set up a firewall or the like to allow access to the company LAN from the Internet.

- **Company LAN**
- **Firewall**
- **Internet**
- **HUB**
- **Ethernet**

Consult the LAN administrator for information on required settings.

#### Remote Monitoring of Multiple Properties

Using an Internet connection, multiple properties can be controlled from a single location.

#### Allowing Individual Tenants to Operate the Air-Conditioning System from their PCs

It is possible to specify the scope of monitoring control system functions on a per-user basis.

- **Only the air conditioning units on the fourth floor are displayed. The user cannot monitor or control other users’ air-conditioning systems.**

#### Notes

1. The maximum number of registered users is 65 (64 general users and 1 administrator).
2. Display language settings can be customized for each user.
3. Only administrators can make schedule settings.

*The Internet connection is shown for illustrative purposes only. Network equipment and an Internet service provider contract, etc., will be necessary to connect to the Internet.*
A wide variety of control methods have been made available by advanced communication capabilities.

**Communication Functions**

- **Connection Between Company LAN and intelligent Touch Controller**
  - Operating a monitoring control system over a company LAN using company PCs
  - Network setup is necessary to make connections from a company LAN.
  - Consult the LAN administrator for information on required settings.

- **Receiving Malfunction Notifications via E-mail**
  - Setup is necessary to receive malfunction notifications via e-mail. Also, the location to be accessed must have an SMTP server.
  - Consult the LAN administrator for information on required settings.

- **Accessing intelligent Touch Controller from a Remote Location**
  - Using a modem and a dial-up router, the intelligent Touch Controller can be accessed from a remote location not connected to the company LAN.
  - Consult the LAN administrator for information on required settings.

- **Accessing intelligent Touch Controller via the Internet**
  - When accessing the intelligent Touch Controller via the Internet, maintaining network security becomes an important consideration. It is necessary to set up a firewall or the like to allow access to the company LAN from the Internet.
  - Consult the LAN administrator for information on required settings.

**Allowing Individual Tenants to Operate the Air-Conditioning System from their PCs**

**User-specific access restrictions**

It is possible to specify the scope of monitoring control system functions on a per-user basis.

- Only the air conditioning units on the fourth floor are displayed. The user cannot monitor or control other users’ air-conditioning systems.

**For example...**

- A notification e-mail will be sent to the PC or mobile phone you specify should a malfunction occur, so you can go out without concern.

**Ability to Control Air-Conditioning Systems in Multiple Buildings from a Central Location**

**Remote Monitoring of Multiple Properties**

Using an Internet connection, multiple properties can be controlled from a single location.

**For example...**

- The following items need to be set up, managed and operated by yourself:
  1. Security
     - An environment that satisfies your security policy.
  2. Network
     - Equipment and settings that suit your network environment. A network security device such as a firewall, which is necessary when connecting via the Internet.

* The Internet connection is shown for illustrative purposes only. Network equipment and an Internet service provider contract, etc., will be necessary to connect to the Internet.
Enhanced display and ease of use, plus expanded control functions.

Control and Monitoring Functions

Enhanced Scheduling Function

It is possible to set up an automated yearly schedule specifying such items as daily startup and shutdown times, temperature settings and operation modes. In addition, the number of patterns that can be registered is 10.

Enhanced History Function

The error history function keeps a detailed record broken down by malfunction item. This is an important feature for maintaining the system and dealing with malfunctions, and it helps ensure that appropriate maintenance work is performed.

Simple Interlock Function Added

The simple interlock function allows for controlling of multiple groups and zones based on the operation status of the selected groups or zones.

Temperature Limitation

This function automatically starts and stops air conditioners in order to prevent the room temperature of unoccupied rooms from getting too high or too low.

Auto/_heat/Cool Changeover

Automatic cooling/heating changeover maintains optimum room temperature by indoor unit groups (auto changeover group), subject to large temperature difference between night and day.

Security

Passwords for general user and for administrators can be registered separately, permitting access to different levels of control functions.

User-friendly icon-based centralized controller simplifies the VRV System.

The user-friendly controller already features colors and icons in the display for ease of understanding. A wide variety of control methods enables administrators to monitor and operate the system even when they are away from the controller.

Enhanced History Function

The enhanced history function allows for detailed record keeping broken down by malfunction item. This is an important feature for maintaining the system and dealing with malfunctions, and it helps ensure that appropriate maintenance work is performed.

Simple Interlock Function

The simple interlock function allows controlling of multiple groups and zones (e.g., ON/OFF, R/C rejection, Operation mode, set temperature, Ventilation mode, Ventilation rate setting) based on the operation status (or contact input status in the case of DI unit and DIO unit) of the selected groups or zones.

Usage example

Lighting interlock

Energy is conserved by increasing/decreasing the set temperature for the indoor units when one of the lights in the same office is turned OFF. (The set temperature increases when cooling and decreases when heating.)

Key interlock

Turns off all indoor units and lights after somebody leaves the office or the like (and locks the doors) without turning them off. Combining the temperature limit function in commercial spaces allows for improved comfort upon the next entry into the room by maintaining a constant room temperature when the user is out. In the simple interlock function, the temperature limit function can be activated when the indoor units are turned OFF.
It is possible to control the air-conditioning system, via the Internet, from home or any other location with a PC. Should a malfunction occur, a notification is sent by e-mail to a cell phone or PC (any e-mail address specified by the user). This gives administrators the freedom to leave the room/building where the controller is located.

Control and management are possible via a standard Web browser (Internet Explorer 6.0 SP1 or later in a Windows environment (PC)).

**Remote monitoring and control**

- Control pump lighting fixtures etc.
- Monitoring of room enter/exit sign
- Error reports via mobile phone

**Control and Monitoring Functions**

- **Color LCD Screen**
  - Full color LCD display
  - Various icons that you can set yourself
  - Complete display of the status of all indoor units

- **Touch Screen Operation**
  - Allows easy operation of a variety of functions including the setting of operation mode and temperature
  - The user can switch between the icon display, a list display and an icon detail display as desired.

- **Icon Display**
  - Displays system condition (normal shutdown, etc.)
  - Can display detailed legend

**A controller that offers freedom to administrators.**

Notes

1. Microsoft Internet Explorer 6.0 SP1 or a later version is the recommended Web browser for use with the system.
2. The Java 6 version is plugin is required.
Specifications

INTELLIGENT TOUCH CONTROLLER

**Reference**

DCC601CT1

Power Supply

Externally supplied AC24V, 50/60Hz

Power consumption

10 W maximum

Operating condition

Surrounding temperature 52° F to 104° F

Relative humidity

Less than 85% RH (non-condensing)

Dimensions

HxWxD inches 5-25/32 x 9-1/16 x 4-7/32

Maximum number of indoor units

64 groups (maximum 120 indoor units)

Maximum number of outdoor units

10

Input

10 bit encoded analog input

Communication functions

DIII-NET x 1

Digital input Di x 1

Digital input/output DEC102A51-US

Overseas certification

INTERFERENCE [EMC] DIII-NET connection to VRV outdoor units

Configuration and engineering for each project are necessary.

For further details, please consult with Daikin distributors and dealers.

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More Freedom to Administrators

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Centralized monitoring control system based on a Web browser (Optional)

Malfunction Reports to a Mobile Phone, Anywhere

Malfunction reports delivered by e-mail (Optional)

Accessories

**DESCRIPTION**

**REFERENCE**

DCS002A71

DCS004A71

KJB411A

DCS026A71

KRP928B2S

DEC101A51-US

RS222D

**ITEM**

**REQUIREMENT SPECIFICATION**

**SPECIFICATION**

KWh meter

Pulse transmitter

– 1 Pulse to 1kW or 10 kW pulse width must be between 40 - 400 msec

– Output relay must be electronic type only.

– No voltage output

More Freedom to Administrators

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