Communication Capabilities via a Touch Screen or a Web Browser
Further Expand Air-Conditioning Control Possibilities.

More Freedom to Administrators

Connectable up to 64 Indoor Unit Groups (128 indoor units)

Control the Air-Conditioning System 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)
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 more in a Windows environment (PC)).

**Functions Usable with a Web Browser**

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

**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 V1.4.2 Java plug-in from Sun Microsystems is required.
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 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 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.
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.

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

Internet connection is shown for illustration purposes only. Network equipment and an Internet service provider contract, etc., will be necessary to connect to the Internet.

*Note:* The following items need to be set up, managed and operated by yourself.
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.
Remote Monitoring of Multiple Properties

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

Penetration of Smart Air-Conditioning System

For example...

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.

Screen of user’s PC on fourth floor

Screen of administrator

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 for web function, consisting of 64 general users and 1 administrator.
2. Display language settings can be customized for each user.
3. Only administrators can make schedule settings.

Users can stay in touch.

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.

For example...

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

Internet*

Remote Monitoring of Multiple Properties

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

Note:
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 illustration purposes only. Network equipment and an Internet service provider contract, etc., will be necessary to connect to the Internet.
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 administrator can be registered separately, permitting access to different levels of control functions.
You have the ability to control A/C systems in multiple buildings from one location at your fingertips.

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.
Specifications

<table>
<thead>
<tr>
<th>Reference</th>
<th>Power Supply</th>
<th>Power consumption</th>
<th>Operating condition</th>
<th>Dimensions</th>
<th>LCD panel</th>
<th>Maximum number of indoor units</th>
<th>Maximum number of outdoor units</th>
</tr>
</thead>
<tbody>
<tr>
<td>DCS601C71</td>
<td>Externally supplied AC24V, 50/60Hz</td>
<td>10 W maximum</td>
<td>Surrounding temperature 32°F to 104°F</td>
<td>Humidity Less than 85% RH (non condensing)</td>
<td>HxWxD 5-25/32 x 9-1/16 x 4-7/32</td>
<td>5.7 inches / QVGA 320x240 / 4,096 colors</td>
<td>64 groups (maximum 128 indoor units)</td>
</tr>
</tbody>
</table>

Input

- Touch panel
- Touch panel
- Communication functions
- DIII-NET x 1
- 10BASE-T
- PCMCIA slot
- Input terminals
- Digital input Di x 1
- Pulse input Pi x 3
- Overseas certification
- Interference (EMC)
- Project data and engineering
- Configuration and engineering for each project are necessary. For further details, please consult with Daikin distributors and dealers.

Accessories

<table>
<thead>
<tr>
<th>DESCRIPTION</th>
<th>REFERENCE</th>
<th>COMMENTS</th>
</tr>
</thead>
<tbody>
<tr>
<td>Software</td>
<td>DCS002A71</td>
<td>Power Proportional Distribution (PPD)*</td>
</tr>
<tr>
<td></td>
<td>DCS004A71</td>
<td>E-mail / Web software</td>
</tr>
<tr>
<td>Installation box</td>
<td>KJB411A</td>
<td>For wall mounted installation</td>
</tr>
<tr>
<td>Interface adapters</td>
<td>KRP928B25</td>
<td>For connection to Split units</td>
</tr>
<tr>
<td>Digital input</td>
<td>DEC101A51-US</td>
<td>Input contacts: 8 inputs + 8 alarm inputs</td>
</tr>
<tr>
<td>Digital input/output</td>
<td>DEC102A51-US</td>
<td>Input contacts: 4 inputs + 4 alarm inputs</td>
</tr>
</tbody>
</table>

kWh meter

<table>
<thead>
<tr>
<th>ITEM</th>
<th>REQUIREMENT SPECIFICATION</th>
</tr>
</thead>
<tbody>
<tr>
<td>kWh meter</td>
<td>Pulse transmitter</td>
</tr>
<tr>
<td></td>
<td>– 1 Pulse to 1kW or 10 kW pulse width must be over 100msed</td>
</tr>
<tr>
<td></td>
<td>– Output relay must be mercury or electronic type only.</td>
</tr>
<tr>
<td></td>
<td>– No voltage output</td>
</tr>
</tbody>
</table>


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Domestic Group
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