



Daikin/INNCOM VRV Hospitality Solution

INNCOM VRV Interface Module

Daikin and Honeywell® collaborated in developing a solution that couples *INNCOM's* integrated guest room automation system with Daikin's industry leading *VRV* solution. The developed *INNCOM* interface module (part number: DD15) seamlessly integrates the *VRV* indoor unit with the *INNCOM* thermostat and *INNCOM* Energy Management System (EMS). This module provides direct digital control of the *VRV* system from *Honeywell's INNCOM E7, E527 and E528* thermostats. The *INNCOM* energy management system can control and monitor each *VRV* indoor unit through the *INNCOM* thermostats and the DD15 Interface without the loss of Proportional-Integral-Derivative (PID) control in the *VRV* system.

Functions

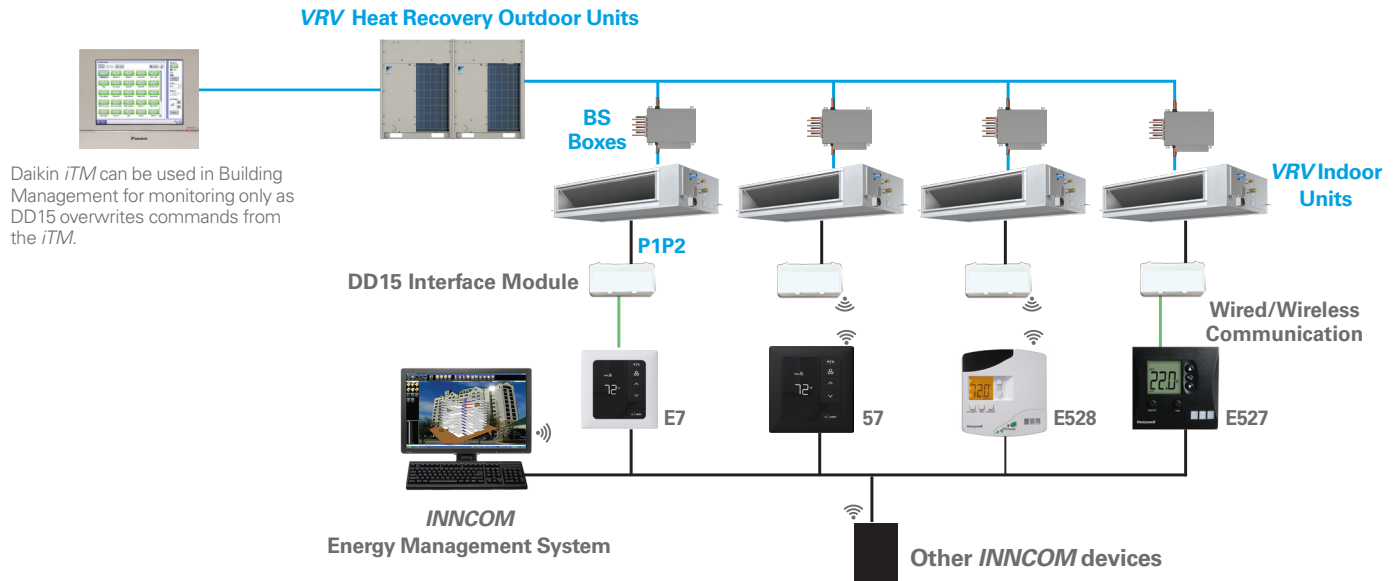
- » Easy installation with plug-and-play connections
- » Synchronizes room temperature between *INNCOM* and *VRV* indoor unit
- » Full modulation of the Daikin *VRV* indoor unit electronic expansion valve (EEV)
- » Compatible with *INNCOM* EMS
 - Wireless mesh network
 - Full compatibility with *INNCOM* EMS and devices
 - *INNCOM* E7 thermostat allows for compatibility with *Amazon Alexa*



DD15
INNCOM VRV Interface Module

System Overview

- » The DD15 is designed for *VRV* Heat Recovery System only
- » The DD15 communicates with the *VRV* indoor unit through P1P2
- » The DD15 is powered by the *VRV* indoor unit PCB board (X18A/X35A)
- » The DD15 communicates with the *INNCOM*™ system using the ZigBee™ protocol



Function

The DD15, *INNCOM* thermostats, and EMS can control and/or monitor the *VRV* indoor unit:

- » On/Off
- » Room temperature
 - Measured by the *INNCOM* thermostat and sent to *VRV* indoor unit for control
- » Auto Mode (Auto changeover logic controlled by *INNCOM* thermostat)
- » Set-point
- » Fan speed
- » Error code
 - Error code from *VRV* system can report to the *INNCOM* system

Daikin and *INNCOM*'s Scope

Daikin's Scope

- » The *VRV* system is commissioned by Daikin professionals
- » Make sure the *VRV* system is running error-free before commissioning the *INNCOM* system

INNCOM's Scope

- » The DD15 is ordered through *INNCOM*
- » The DD15 and *INNCOM* EMS Commissioned by *INNCOM*

To learn more about Daikin *VRV*, visit www.daikinac.com and/or www.daikincity.com.

For more information on the *INNCOM* system or to order the DD15, visit www.inncom.com.

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