The *HERO* Cloud Service and *HERO* Pro Edge

Daikin *HERO* Pro Edge is a cloud-based *VRV* Centralized Controller that offers real-time remote control and monitoring, advanced analytics, and a customized dashboard. Daikin *HERO* Pro Edge can also control and monitor Daikin Mini-split/Multi-split, Daikin ERV (VAM), Daikin Rooftop Units, Daikin Applied *Rebel*, and third-party systems.
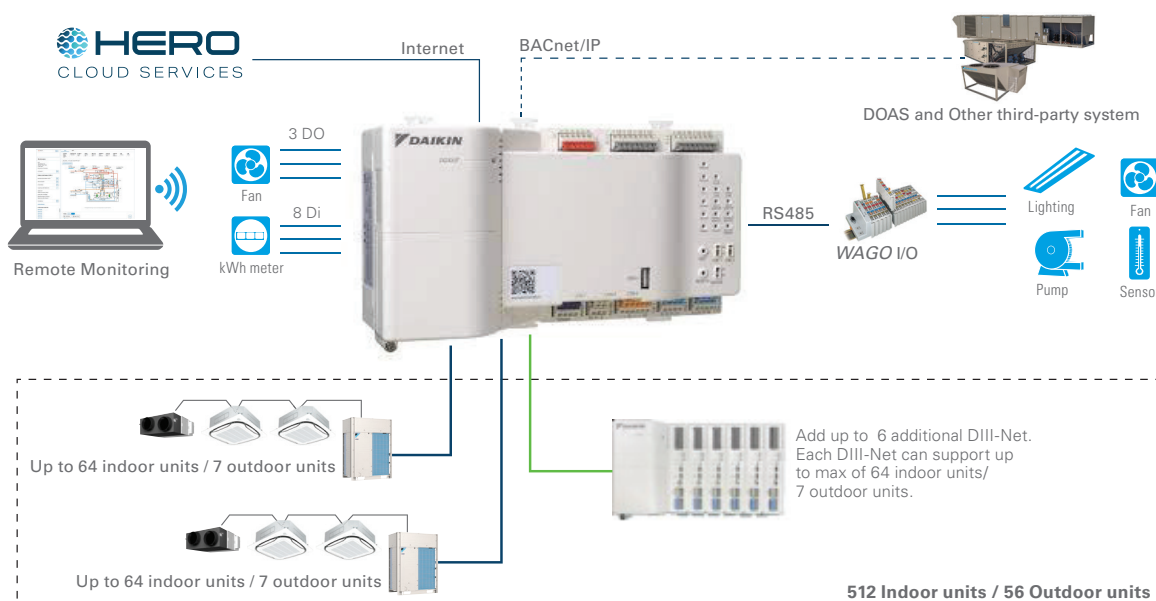
Daikin *HERO* Cloud Services is a remote monitoring and control service for Daikin *VRV* systems and other equipment connected to Daikin *HERO* Pro Edge. The *HERO* Cloud Services is based upon a recurring licensing fee to access site information. The *HERO* Pro Edge includes the first year *HERO* Cloud Services access for monitoring and control with the purchase of the hardware; licenses can be purchased in 1-year, 3-year, or 5-year increments.

System Capacity

» 14 Outdoor units (Expand up to 56 Outdoor units with the use of option adaptor)

» 128 Indoor units (Expand up to 56 Outdoor units with the use of option adaptor)

» 3 Digital Outputs and 8 Digital Inputs (Expand up to 32 Digital Inputs with the use of option adaptors)

» 512 WAGO® Inputs and Outputs

» 1000 Total management points

» 50 BACnet™ Devices for monitoring and control

Software Options

» Power Proportional Distribution (Tennant Billing)

» *BACnet* Client (Can be purchased with separate licenses up to 10 devices or 50 devices)

Features of *HERO* Cloud Services with *HERO* Pro Edge

» Remote monitoring for Daikin *VRV* outdoor and indoor unit operation data.

» Intuitive, customizable dashboard provides quick status of connected units and sites.

» Animated piping diagram based on system mode of operation.

» Download or view historical data (up to 5 years) with built-in plotting capabilities.

» Alarm dashboard with automatic email notifications when an alarm occurs.

» The Alarm details page provides in-depth information regarding an alarm with a detailed description, possible causes, tech tips, and a comment section.

» The Energy Management dashboard is used to view energy consumption for the outdoor units (only for Daikin *VRV EMERION* units).

» User management with customizable access for the user.

» Monitor multiple outdoor and indoor units across multiple sites with a single login.

» Floor plans view to provide a visual representation of installation location.

» Advanced scheduling with Holidays and energy-saving settings.

» Powerful indoor unit control features such as setpoint range limits, button lockouts, Setback, Auto changeover with Deadband, and guard timer using Vote, Average, Individual, and Fixed methods.

» Automatic registration of indoor units and outdoor units.

» Tennant billing option (PPD) allows proportional billing of tenant's outdoor unit usage.

» Control and monitor third-party equipment using WAGO® I/O

» Control and monitor BACnet™ Devices such (3rd party unit *BACnet* DDC) using the *BACnet* client optional license

» Interlock programming for Automated equipment control.

PART NUMBER	DESCRIPTION
DGE601A71	Daikin *HERO* Pro Edge
DGE601A72	Plus ADP for Daikin *HERO* Pro Edge and *iTM*
DGE601A53	Plus ADP Slot (For use with DGE601A72)
DGE002A71	Power Proportional Distribution (PPD) – Tennant billing
DGE009A71	Monitor up to 10 *BACnet* Devices
DGE009A72	Monitor up to 50 *BACnet* Devices
WAGO I/O	Monitor and control 3rd party units using I/O contacts.

[1] The power proportional distribution (PPD) feature supplies the user with a reasonably calculated apportionment of the total power consumption by the Daikin *VRV* system. Because input to the PPD includes measured pulses in the refrigerant system and because the *VRV* system includes a number of variables, including the operating temperatures and pressures, piping lengths, heat exchange rates, and so forth, no meter-type apportionment of individual user consumption can be made. However, the PPD feature provides an apportionment methodology that uses highly advanced technology and is applied to the many variables in the *VRV* system.

ADDITIONAL INFORMATION

Before purchasing this appliance, read important information about its estimated annual energy consumption, yearly operating cost, or energy efficiency rating that is available from your retailer.

Visit www.daikincomfort.com or www.daikinac.com to learn more.