

AIRSTAGE

V-SERIES, J-SERIES, H-SERIES

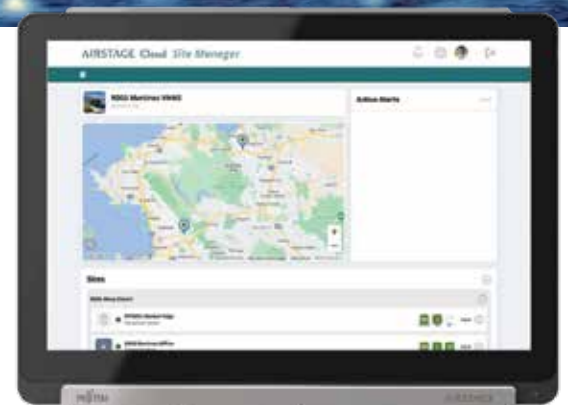
AIRSTAGE Cloud

Multi-site HVAC Building Management System as a Service



AIRSTAGE Cloud

AIRSTAGE Edge Controller



FUJITSU GENERAL AMERICA, INC

Better solutions for HVAC management and maintenance

The highly versatile AIRSTAGE Cloud platform enables effective and efficient management and maintenance of heating, ventilation, and air conditioning systems as an ongoing service. It can be accessed through the AIRSTAGE Edge Controller or a web browser. Note that the AIRSTAGE Edge Controller must be connected to the internet at all times.



Manage HVAC systems for multiple properties
Streamline HVAC management and reduce operating cost

Enable remote monitoring and maintenance
Improve maintainability and serviceability

Cloud-edge infrastructure sharing
Enjoy affordable performance, security and reliability

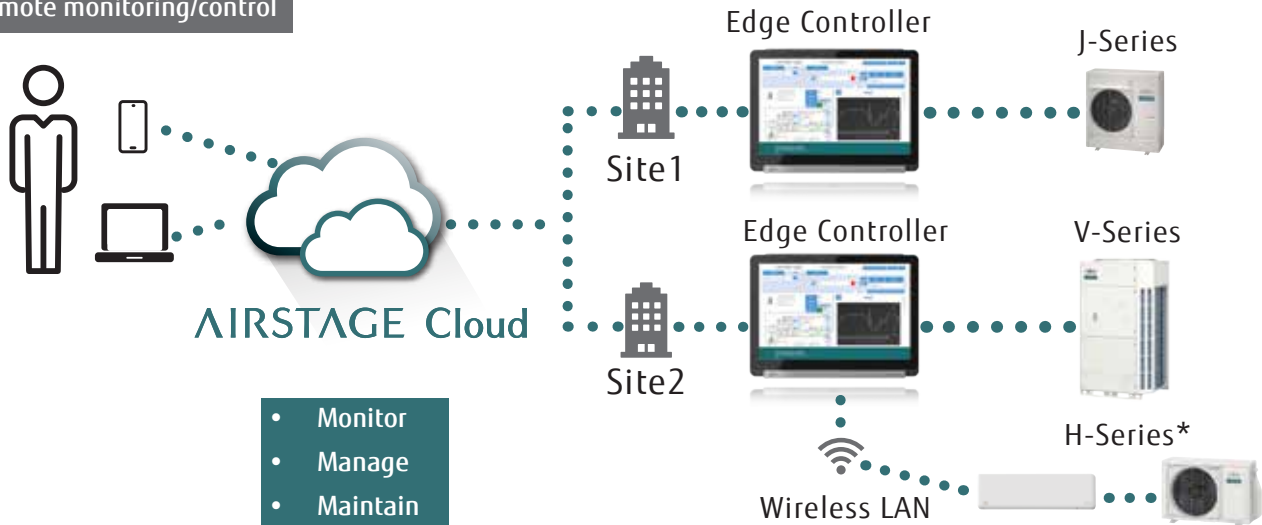
Pre-programmed / self-configuring dashboards and automated device recognition
Minimize custom programming and lower setup and expansion costs

New features will be continuously implemented by over-the-air system updates

System Overview

The AIRSTAGE Cloud delivers greater value in operation and life-cycle management of HVAC systems.

Remote monitoring/control



*Current H-Series units with optional AIRSTAGE Mobile adapter.

AIRSTAGE Edge Controller (UTY-DSGYZ2)

- Stylish look
- Easy-to-read 10.1 inch TFT color wide screen
- Intuitive operation
- Multiple language support



Features - Site Manager (SM)

- Subscription-based application with tiered options
- Manage HVAC systems for multiple properties - Show location map and information about HVAC systems under management
- Streamline HVAC management and reduce operating cost
- At-a-glance monitoring dashboard - Display an HVAC system's operation status and energy usage for each site, group, and system in a dashboard format
- Manage energy usage - Maintain comfortable room environments efficiently
- Account settings - create profiles for clients, manage users and access, register Edge Controllers
- Notifications - view in-app alerts, manage external SMS and email notifications

Portfolio Dashboard



Site Dashboard



Zone Dashboard



The AIRSTAGE Cloud enables centralized management of HVAC systems operating in multiple properties and plots the property locations on a map.

Screen layout and content subject to change as features are added and improved.

Features - Refrigerant Cycle Monitor (RCM) - (accessible through web browser connection to AIRSTAGE Cloud)

Refrigerant Cycle Monitor	System List	Display indoor/out unit configuration
		Monitor and control operation
		Special Operation monitoring
	Detail Diagrams (OD/IU)	Current operating parameters
		Piping diagram
		Sensor location and current value
		Trend graphs for temp sensors and EEV pulses
	Detail Status List of operation and sensor values	
	Details Check List showing abnormal values if present	
	Operation History	
Error History		



Features

All functions are available only when connected to the AIRSTAGE Cloud server. Primary functions i.e. system control and monitoring, scheduling, error handling etc. are available on the Edge Controller or a web browser connection to AIRSTAGE Cloud. Advanced functions including configuration, analysis, access to RCM etc. are available through the browser.

●: Supported

Model name	AIRSTAGE Edge Controller		
Model number	UTY-DSGYZ2		
Max. controllable indoor units	128		
Air conditioning control function	On / Off	●	
	Operation mode setting	●	
	Fan speed setting	●	
	Room temp. setting	●	
	Room temp. set point limitation	●	
	Test operation	●	
	Up/down airflow direction setting	●	
	Left/right airflow direction setting	●	
	Individual louver control	●	
	Zone (Group) setting	●	
	RC prohibition	●	
	Anti freeze setting	●	
	Economy mode setting	●	
	Human sensor control	●	
Custom Auto setting	●		
Display	Error display and management	●	
	Defrosting	●	
	RC prohibition	●	
	Cooling/heating priority	●	
	Address display	●	
	Room temp.	●	
	Multi language support	●	
	Summer time	●	
	Name registration	●	
	Backlight	7 brightness levels	
	Password lock	●	
	World Map (site location)	●	
	Timer	Schedule Timer	Period: Weekly, Yearly On/Off, Temp., Mode, Times per day: ●
		Program timer	●
Auto off timer		●	
Day off		●	
Min. unit of timer setting (Minutes)		1	
Control	Status monitoring system	●	
	Emergency stop	●	
	Remote management	●	
	Zone control	●	
History	Operation	●	
	Error	●	
Other	Multiple user accounts and access levels	●	
	Software Update Over the Air (OTA)	●	

Specifications

Item	AIRSTAGE Edge Controller	
Power supply	1φ 100~240VAC 50/60Hz	
Dimensions (H × W × D) (inch[mm])	7-43/64×10-9/32×2-31/64 [195×261×63]	
Weight (lbs[g])	4 [1,900]	
Monitor	10.1" TFT LED-backlit LCD 1280 x 800 pixels 24bit color	
Touch panel	Capacitive touch panel	
Communication	LAN	10BASE-T / 100BASE-TX RJ45 x 2ch
	Others	Modbus RTU x 1ch, Airstage transmission line x 1ch
LED	x 1 (Power indication)	
Switch	x 1 (Shut down/Menu)	
Buzzer	Piezo buzzer (3 volume levels)	

Dimensions

Unit : inch [mm]



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