AC Cloud Control gateway for any Air Conditioner with an IR receiver

Item number: INWFIUNI001I000

This gateway offers a cloud-based solution for remote control of air conditioning units with an infrared receiver. AC Cloud Control is a mobile/web application for professional control of multibrand and multisite projects from one single dashboard, enhancing the user experience and optimizing the building's energy usage.



Control any IR AC unit remotely from a powerful app - 1 indoor unit

Features and benefits

- **Energy savings and efficiency, smart AC control**

  Use 365-day scheduling calendars, presence detectors, or window contacts to execute automated scenes, optimizing energy usage.

- **Predictive Maintenance of the AC system**

  The AC Cloud Control gateway registers the AC unit's operating hours to schedule maintenance or filter cleaning according to the AC manufacturer specifications. This will extend the lifespan of the AC system.

- **Scalable centralized control of the AC system**

  Control AC units from different brands and models across multiple locations from a single dashboard. Easily add or remove AC units as needed without infrastructure changes.

- **Maximize the AC system supervision**

  The AC unit can be simultaneously controlled through a local remote controller and the AC Cloud Control system. Limit the operation mode and temperature settings to avoid improper use of the AC system.

- **Feedback from the AC unit**

  The gateway’s built-in IR receiver reads the handheld remote controller commands and reports the AC unit's status to AC Cloud Control. This enables bidirectional communication.

- **Multiuser control**

  Create multiple accounts assigning access rights according to each user profile. You decide who has the control and how much power they have.

- **Avoid wiring efforts and reduce the installation complexity**

  This gateway connects to the cloud using the WI-FI local network, it communicates with the AC unit through IR and is configured via Bluetooth.

- **Connect, share data, and improve the AC system's operation**

  AC Cloud Control can be integrated with third-party systems like IFTTT, Google Assistant, Alexa, Siri Shortcuts, or a professional REST API.

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General

Capacity	1 indoor unit
Net Width (mm)	75
Net Height (mm)	80
Net Depth (mm)	25
Net Weight (g)	70
Packed Width (mm)	150
Packed Height (mm)	90
Packed Depth (mm)	82
Packed Weight (g)	345
Operating Temperature °C Min	0º
Operating Temperature °C Max	60º
Installation Conditions	Install the gateway on the wall or place it on a desktop near the indoor unit to ensure that the IR remote controller's signal is received by both. Use the Parrot mode to confirm that there is a clear line-of-sight between the gateway and the indoor unit.
AC Model Compatibility	Compatible with any air conditioner unit equipped with an infrared receiver.
Content of Delivery	Universal IR WIFI controller, installation manual & warranty document, power supply (EU, UK, US, AU heads) and power connection additional cable.
Mounting	Wall mount
Housing Materials	Plastic
Warranty (years)	3 years
Packaging Material	Cardboard

Identification and Status

Product ID	INWFIUNI001I000

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Identification and Status

Country of Origin	Spain
HS Code	8517620000
Dual Usage	No
Export Control Classification Number (ECCN) (Applies only to the U.S)	EAR99

Physical Features

Contains Battery	No

Certifications and Standards

Product Certifications	CB, CE
WEEE Category	IT and telecommunications equipment

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Use Case



Network topology.



Integration example.