| Warehouses | Outdoor Heaters | Hangars |

Connectivity
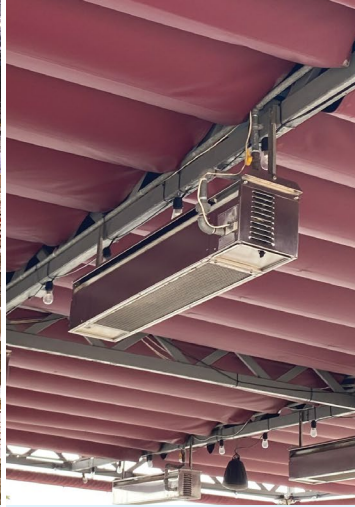
ConnectedControls IoT Platform

Cloud solution with 05-50 Series Wi-Fi-enabled module

- Free Two-Year Trial*
- iOS and Android Applications
- Customer, Service Provider and OEM Support Features

The ConnectedControls IoT platform is designed with many industries in mind with a focus on commercial and business customers. It allows users to set up accounts with multiple locations and appliances. Alert notifications are sent to users, owner, or service providers allowing for quick action to be taken before a failure leads to a significant problem. Basic statistics and data give users guidance on how their product is performing.

Part of the ConnectedControls platform is a Wi-Fi-enabled module that has been designed to bring connectivity to previously unconnected appliances. The module communicates with the gas ignition control located in the appliance and sends data to the cloud. The data includes mode status of the ignition control such as ignition and burn which are visible in the application. In the event of an alert such as an ignition lockout, a notification is quickly transmitted to identify the issue and help speed resolution.

The module includes additional inputs to monitor other sensors in your appliance and allows for original equipment manufacturers (OEMs) to customize the mobile application for their needs.

Additional options include:

- Internal or external antenna
- TTL or RS 485 communications
- Customized software

Future options include:

- Tachometer, thermistor, 0-10V inputs
- Data and predictive analytics

*For a limited time, get a two-year free trial of ConnectedControls IoT Platform with purchase of the 05-50 Series Wi-Fi-enabled module. After your free trial expires, you simply pay the current subscription fee. Restrictions apply; please see offer terms and your Fenwal Controls representative for more details.

fenwalcontrols.com

05-50 Series Wi-Fi-enabled Module Product Specifications:

Parameters	Specifications
Input Power and Current	24VAC @ 200mAmps 24VDC @ 200mAmps 12VDC @ 200mAmps
Operating Temperature	40°F to +176°F (-40°C to +80°C)
Storage Temperature	-40°F to +185°F (-40°C to +85°C)
UART Communication	5V TTL or 3.3V RS485
Thermostat Input	12/24VDC, 24/120VAC
Proving Switch 1	12/24VDC, 24/120VAC
Proving Switch 2 & 3	12VDC, 24VAC/AC
Dimensions with Enclsoure	4.9 x 3.5 x 1.3 inches (12.5 x 8.9 x 3.4 cm)
Moisture Resistance	95% RH non-condensing

Agency Certifications:

c **UL** US   UL 60730-1
CAN/CSA E60730-1

RoHS   RoHS Compliant

FC

External Antenna:	FCC ID: 2AC7Z-ESPWROOM32UE	FCC ID: 21098-ESPWROOMUE
Internal Antenna:	FCC ID: 2AC7Z-ESPWROOM32E	21098-ESPWROOM32E

FENWAL CONTROLS

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