



KICONEX

Advanced connectivity | Smart solutions | IoT installations



EXPERTS IN REMOTE INDUSTRIAL IoT SOLUTIONS

Optimize your facilities and the maintenance of all your equipment, improve efficiency and reduce costs with integrated, connected solutions that drive digital transformation.

Full integration

Integrates with and can be developed for the leading brands, devices and protocols on the market. This multi-brand system gives you a complete view of your facility.

Cloud system

An efficient, flexible and scalable solution providing the infrastructure and services required to power IoT devices and applications.

Plug & Play

Easy to install and operate, with no IT experts required for configuration*. Our kibox units only need an open internet connection.

Secure environment

Maximum protection for the entire information infrastructure and stored data. Data is encrypted both in transit and at rest.

OUR BENEFITS

Energy efficiency

Internet of Things (IoT) technology provides the key indicators needed to analyse and optimise your facility's energy consumption.

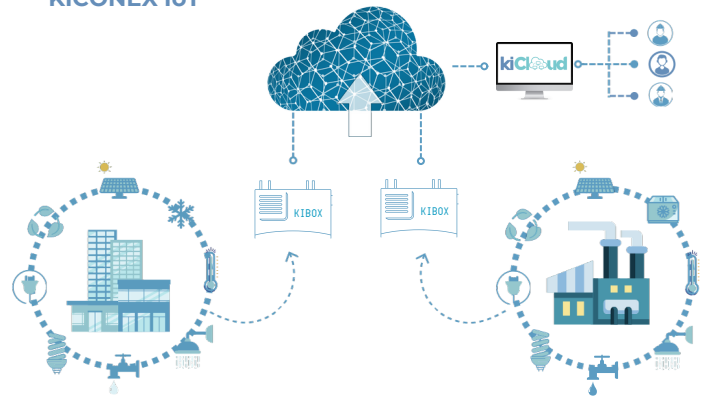
Cost savings

Monitor your facility in real time and control it remotely, reducing travel requirements.

Continuous innovation

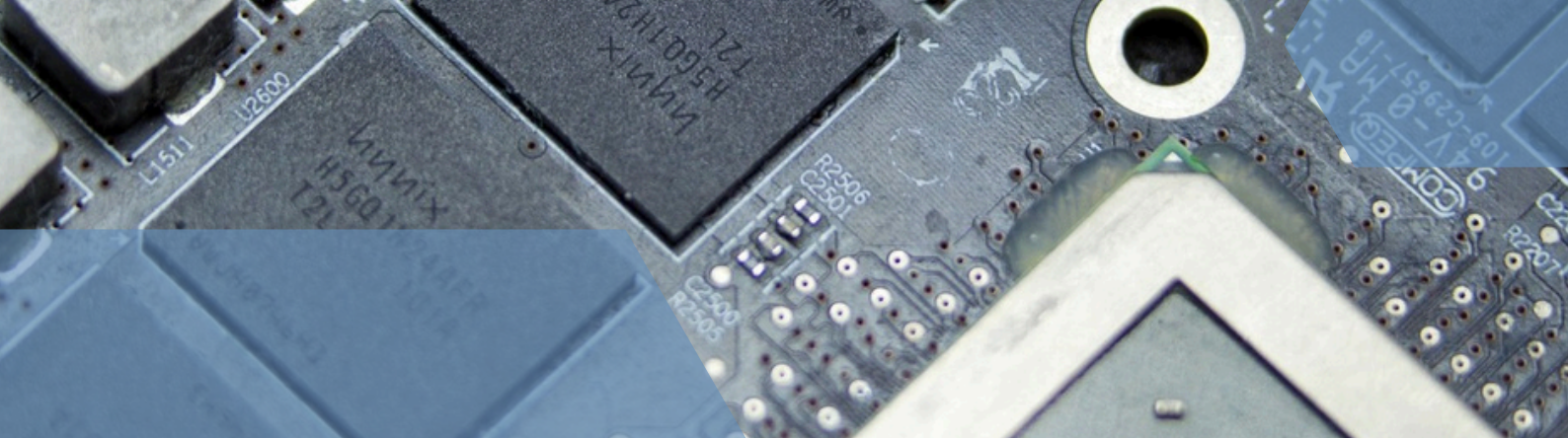
kiconex continually innovates to meet market requirements, investing most of its resources in R&D&I.

KICONEX IoT



*Automatic configuration for DHCP-enabled networks with ports 8443 and 1194 available and open





kibox and accessories

A wide range of products at the forefront of IoT technology

KIBOX 2 AND 4

The most powerful kiconex data acquisition gateways, with the highest device connection capacity.

- 85-265 VAC - 50/60 Hz
- 2 or 4 RS485 ports compatible with Modbus RTU
- RJ45 Ethernet connector
- Can be configured for simultaneous use with another monitoring system
- Designed and manufactured in Spain



kiAdmin

All our kibox units include a management interface for configuring the device's network parameters (IP, gateway, proxy, etc.). It also includes a useful tool for checking the device's internet connection, server connection and update VPN.

ACCESSORIES

kiWi



kiconex Wi-Fi device for communication between kibox and Modbus RTU* (RS485) equipment. Acts as a Modbus TCP-to-Modbus RTU message gateway.

GSM router



Compact industrial Wi-Fi router, easy to integrate and equipped with multiple connection interfaces. Includes a SIM slot and two RJ45 ports.

M2M connectivity



Managed M2M connectivity with global coverage. Available for EU and GLOBAL regions, with monthly data allowances from 250 MB to 10 GB.

Magnetic antennas



SMA antennas with magnetic base.

- Wi-Fi 2 dBi with 1.5 m cable.
- GSM 1 dBi with 3 m cable

Electrical enclosure



Electrical cabinet made of 1.2 mm galvanized steel, white, lockable, with circuit-breaker protection, Schuko socket and connection terminals.

RS485 cable



100 m cable, 2 x 1 mm², shielded, halogen-free ZIC4Z1-K, providing protection against interference in Modbus RTU communications.

Available in several sizes:



3 plans for every need

Choose the right plan for your facility based on the number of devices to connect and the features that best suit your needs.



kibox 2

1 to 2 devices
3 to 8 devices
9 to 16 devices



kibox 4

17 to 32 devices
33 to 64 devices
65 to 96 devices (*)

One-off payment



BASIC

ki2BAS
ki8BAS
ki16BAS
ki32BAS
ki64BAS
ki96BAS

Advanced subscriptions



PROFESSIONAL

ki2PRO
ki8PRO
ki16PRO
ki32PRO
ki64PRO
ki96PRO



PREMIUM

ki2PREM
ki8PREM
ki16PREM
ki32PREM
ki64PREM
ki96PREM

Data history
No. of users / groups
Online updates
Charts
Alarm display
Email alarm notifications
Documentation
Data export
Diagrams
Smart scheduling
Statistical reports

Note: For 3G/4G connectivity and SMS alarm notifications, please ask for pricing.



3 months

1



1 year

3



200 MB



3 years

5



1 GB



(*) Contact us if you need to connect more devices



IoT FACILITY MANAGEMENT PLATFORM



Geolocation

Integrated maps provide real-time location information for each facility.



Multitenant

Multi-instance architecture for a shared mykiconex environment, with each organisation's information securely isolated.



Multi-device

Responsive design, accessible from web browsers, tablets and mobile devices.



Multilingual

For international organisations: English, Spanish, Portuguese, Italian, German and French.



Permission levels and user roles

Define the roles to apply and the different limits available to each one.

PLAN DESCRIPTION

Data history

All facility data is recorded on the platform, allowing you to access its history at any time and from any device.

No. of users / groups

One or more users/groups can be assigned to each facility, each with their corresponding permissions.

Online updates

The mykiconex platform is constantly evolving, giving you access to the latest improvements and new features at all times.

Charts

Edit and view charts for a device's digital and analogue variables. Check equipment trends and quickly verify correct operation.

Alarms

Configure alarms for each controller and their severity level. View the alarm history and see how long each alarm lasted.

Email / SMS alarm notifications

Receive email and/or SMS notifications for alarms and disconnections affecting both controllers and the facility.

Documentation

Upload all relevant facility documentation to mykiconex. Two storage plans are available to suit your needs.

Data export

An easy, intuitive tool for exporting cloud-stored controller variable data to Excel or CSV for in-depth analysis.

Diagrams

Design a virtual layout of any facility for an overall view of your equipment and intuitive, real-time display of all parameters.

Smart scheduling

Create functional rules, schedule actions based on digital and/or analogue values, and configure timed equipment on/off schedules.

Statistical reports

Generate basic statistical reports on equipment operation, including average, maximum and minimum values, active/inactive percentages and the number of activations during the selected period.

kiconex was founded in 2018 within a leading Spanish business group with more than 30 years of experience in the design and manufacture of HVAC and industrial refrigeration equipment. Its core purpose is to research, develop, manufacture and market a dynamic technology ecosystem of solutions, products and services that enable Industry 4.0.



Visit our website
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by scanning the
QR code.



Application areas



Renewable energy



Electricity consumption



Heating



Ventilation



Refrigeration



Air conditioning



Boilers



Water management



sales@kiconex.com

