

The image shows a large, modern building with a grid of windows. In the foreground, there is a glass-enclosed structure with stone pillars and glass walls. The scene is overlaid with a semi-transparent green filter.

GHS

unlock your future, now!

HCS

GIOTTO

AIR

HCS
CRUISE

PLATE READER

Controller



GHS

Our passion for innovation

We are pleased to present GHS products, made thanks to a several years' experience, professionalism and a real passion for technology.

All our products are proudly

Made In *Italy*

A modern hotel lobby with a reception desk and a lounge area. The reception desk is dark with a quilted pattern and has three lamps on top. The lounge area has a white sofa with purple and patterned pillows. The background shows a large window and a painting of red flowers.

HCS

WIRELESS
BUILDING AUTOMATION SYSTEM
FOR HOTELS

WELCOME TO HOTEL 4.0

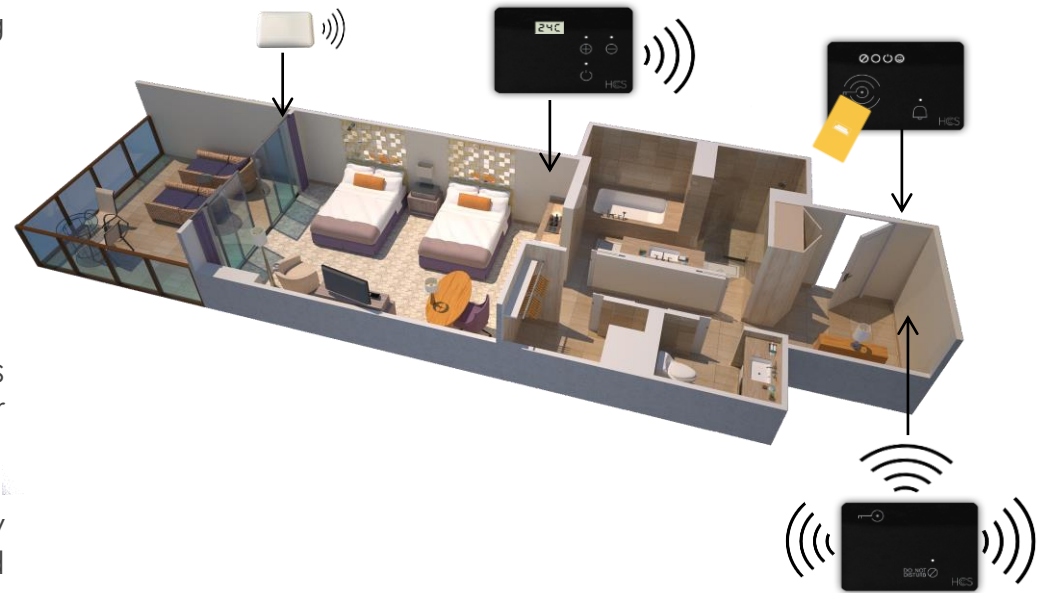
HCS is an innovative and patented building automation-system for hotels and resorts.

With HCS, hotel managing becomes:

- ENERGY EFFICIENT
- MORE EFFECTIVE
- SAFER

The use of wireless ZIG-BEE transmission among all its components is a unique and exclusive feature of our system.

Wireless technology makes the system extremely versatile and can be installed in any type of hotel and resort, with no structural intervention.



Through wireless technology, the devices communicate with each other and with the "Suite 224" software at the reception desk, without cables or data network, managing the hotel in real time, through the software and also the innovative APP "SMART".

BENEFITS

EASY AND FAST



- INSTALLATION IN 2 HOURS PER ROOM
- NO CABLES
- NO DATA NETWORK
- NO MASONRY WORK
- NO TEMPORARY HOTEL CLOSURE
- NO EXISTING DOORS OR LOCKS CHANGES

SMART AND GREEN



- REDUCTION OF ENERGY COSTS UP TO 45%
- REDUCTION OF POLLUTION
- RECOVER OF THE INITIAL INVESTMENT IN A SHORT TIME

ONLINE MANAGEMENT



- MANAGEMENT AND CONTROL OF EVENTS AND ACCESS THROUGH THE SOFTWARE OR APP
- CONTROL OF HOTEL STAFF
- CONTROL AND MANAGEMENT OF MAINTENANCE
- HIGH SECURITY STANDARD
- MAXIMUM WORK ACTIVITIES EFFICIENCY
- GREAT COMFORT FOR THE GUESTS

STYLE AND DESIGN



- ROOM DEVICES IN GLASS TOUCH SCREEN AND LED
- COMPLETELY CUSTOMIZABLE WITH DIFFERENT COLORS, LOGOS AND DECORATIONS
- AVAILABLE IN FOUR VERSIONS
- ADAPTABLE WITH EVERY STYLE AND DESIGN

The logo features the word "Air" in a light green, sans-serif font. The letter "i" is white with a grey dot. Above the "i" is a white wireless signal icon consisting of three curved lines. The letters "A" and "R" are light green.

Air

WIRELESS
ELECTRONIC LOCK SYSTEM

A close-up photograph of a door handle. The handle is a silver, metallic, 3D-style number "206" mounted on a dark brown, textured door. The lighting is warm and focused on the handle, with the background being a blurred hallway.

206

DON'T CALL IT SIMPLE LOCK

AIR is the first fully wireless electronic lock with exclusive patent, offering in one solution all the benefits of the classical Touch screen version of HCS System, without installing the external and internal reader, or other presence detection devices, such as supplied with other systems.

AIR is made up of a small and stylish RFID, NFC or BLUETOOTH reader installed in the external part of door, allowing it to be opened with the approach of the authorized RFID keycard or smartphone.



A REAL INNOVATION

But the real innovation of AIR lies in its interior part: the lock installed in the door becomes a card reader, enabling the power supply, air conditioning, and indicates the presence of the guest or hotel staff. This prevents you from installing the internal reader into the wall or presence sensors.

AIR communicates through the Zig-Bee wireless technology with the other HCS system components installed in the room (thermostat, window sensor), and the software SUITE 224.

This allows a fast and practical management of the hotel, even from multiple workstations or through the APP SMART installed on smartphone or tablet of the hotel directors.



BENEFITS



FAST INSTALLATION

- INSTALLABLE IN 30 MINUTES
- NO CABLES OR DATA NETWORK
- NO MASONRY WORKS
- NO DOOR CHANGES
- NO ROOM CLOSURE



NO MORE BATTERIES

- PATENTED INDUCTION RECHARGE SYSTEM
- NO BATTERIES CHANGES
- CUT OF MAINTENANCE COSTS



ENERGY SAVING

- ENERGY SAVING UP TO 45%
- RECOVER OF THE INITIAL INVESTMENT IN A SHORT TIME



ONLINE HOTEL

- REAL TIME CONTROL AND MANAGEMENT
- REAL TIME CONTROL OF EVENTS AND ACCESS
- CONTROL OF THE STAFF
- HIGH SECURITY STANDARD
- MAXIMUM WORK ACTIVITIES EFFICIENCY
- GREAT COMFORT FOR GUESTS

AIR IS NOT A SIMPLE ELECTRONIC LOCK. IT'S A REAL WIRELESS SYSTEM!



WIRELESS
BUILDING AUTOMATION SYSTEM
FOR BOATS



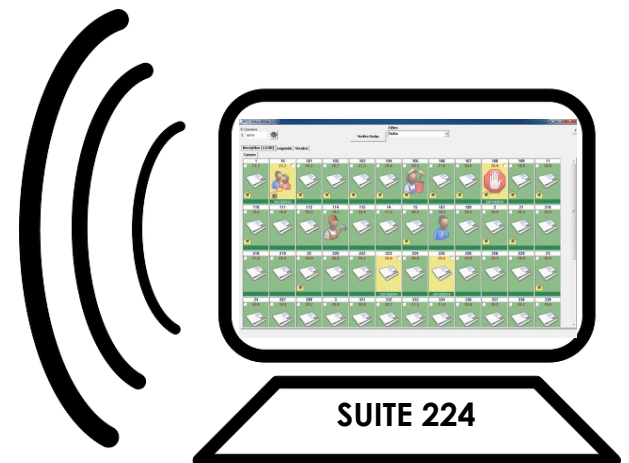


SAILING WIRELESSLY

HCS CRUISE is the wireless system studied for cruise or ferry boats.

It has the same features and benefits of HCS system for hotels, manages and controls access and events in real time (cabins and common areas), gives high security, energy saving and high comfort for the guests.

Thanks to wireless ZIG-BEE technology, as well as the version for hotels, its installation is fast and easy, without cables or data network required.





WIRELESS ACCESS CONTROL



THE EASIEST WAY TO PROVIDE SECURITY

CONTROLLER is a device controlling and managing all access in every area of a building (office, meeting rooms, elevators, restricted areas, warehouse, etc.).

Through the RFID device, it's possible to authorize the access only to people having their own keycard.

Thanks to the use of wireless ZIG-BEE technology, CONTROLLER can be installed anywhere, as it does not require wiring, masonry works, door or existing locks changes.

Its installation is very simple and fast, and can be done at any time.

The smart RFID reader is in touch screen glass, with bright LED and bell. It is totally customizable with colors, fantasies and logos, adapting to any place, even thanks to its small size.

CONTROLLER offers complete control, while ensuring maximum safety.





GUARDIAN

WIRELESS ACCESS CONTROL
FOR CLUBS, BARS, RESTAURANTS

V.I.P. ONLY

GUARDIAN is a wireless device designed for restaurants, bars, clubs, beach clubs, etc. to control access to private or restricted areas such as lounges, dressing rooms, toilets, stores or all areas where you want to limit and control entrances.

A simple and low cost way to offer great security and comfort to your guests.

But also to give prestige and a technological and innovative look to your business.

HOW IT WORKS

Thanks to an RFID proximity reader placed in the entrance of the area to be controlled, only guests with authorized RFID keycards, bracelets, stickers are allowed to enter.

GUARDIAN's installation is simple and fast, and does not require replacement of existing locks or doors.

The proximity reader is in touch screen glass, fully customizable with logos, colors and fantasies, according to the style of the location where it is placed, and it is adaptable to any place, even in outdoor areas.



A PLACE TO REMEMBER

GUARDIAN allows doors to be opened with keycards, stickers, bracelets with RFID technology.

They are all available in various colors and fully customizable with logos, descriptions, fantasies, etc.

They can be used as an excellent marketing tool to advertise activity, for customers loyalty or for a specific event, since they can be kept and reused.

A trendy idea to offer as a present to your guests!





PLATE READER

ACCESS CONTROL FOR VEHICLES

FAST AND RELIABLE

PLATE READER is an access control system for restricted parking areas, and a fast way to allow access to authorized vehicles only.

HOW IT WORKS

It works through the recognition of car plates, based on sophisticated Imaging technology.

The recognition of the plates uses sophisticated segmentation and correlation techniques for characters search.

PLATE READER is the ideal solution for all extreme applications, as the camera is immune to daylight (day and night) changes, perspective distortions, horizontal and vertical scale factor variations, and rotations, resulting extremely adaptable to all environmental conditions.

The system can be used in stand-alone or client mode through a TCP/IP connection to an image management/archive server.

Authorizations to open the linked bar are through the use of a "White list", allowing in this way access to authorized vehicles only, providing at the same time high security standard to the areas to control.





GIOTTO

WIRELESS MEASUREMENT SYSTEM

FREE TO MEASURE!

GIOTTO is a measurement system for all places where it's necessary to control constantly temperatures, humidity and lighting, as for examples museums, art galleries, historical buildings, etc.

It's an highly reliable instrument, with a data logger and detection probe, connected through **wireless ZIG-BEE** transmission to its software.



FEATURES

Thanks to the wireless transmission, its installation is very easy and fast, without masonry works, data network or cables, and it is independent from the air conditioning system.

GIOTTO is able to detect and measure in every place and location:

- Humidity and temperatures
- Lights an UV ray
- Atmospheric pressure
- Air quality and gas presence
- Voices and noise, because of its microphone sensor.

All data and parameters are recorded and saved in the software, and the frequency of measurement can be established or modified according to the needs.

GIOTTO is enclosed in an elegant glass box and ABS frame, customizable with logos, fantasies and colors, to fit the most in the structure and location where it is placed



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