



ACCESS CONTROL

ipassan

Modular IP access control system



IF YOU LOVE YOUR BUILDING

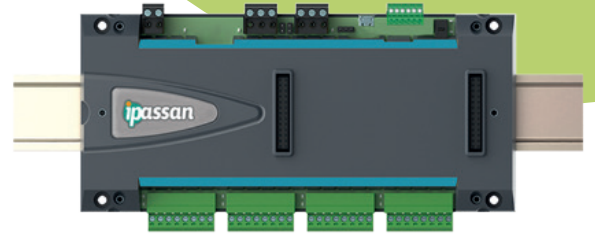
urmet

IPassan system

IPassan is an IP-based access control system, ideal for medium and large commercial and residential projects.

IPassan is a scalable, multi-technology solution that offers the possibility of management with local IPassan Manager software or in the Cloud.

IPassan allows you to manage the access control system in a flexible way, allowing you to define different roles with customized permissions, such as administrator, installer, system manager and user.

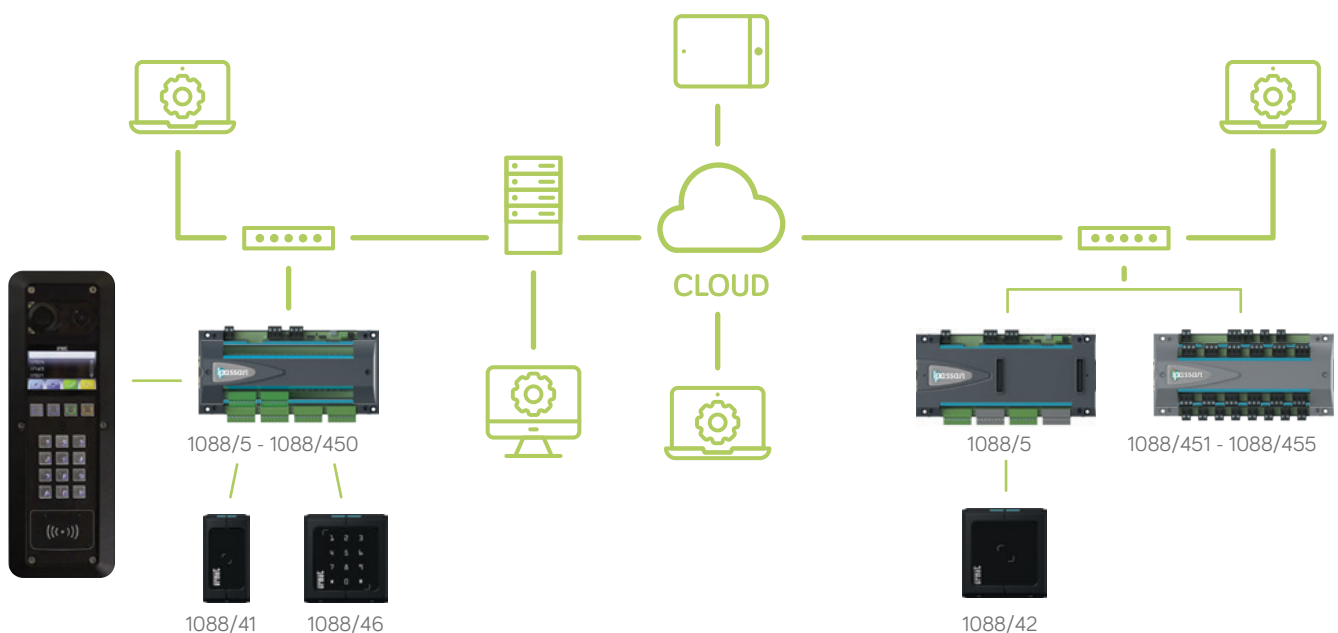


- > Up to 6 peripherals (gates) per control unit (controller)
- > Easy commissioning with guided menu (wizard)
- > Secure communication from Cloud or on-premises
- > Scalable solution with different operating modes



System architecture

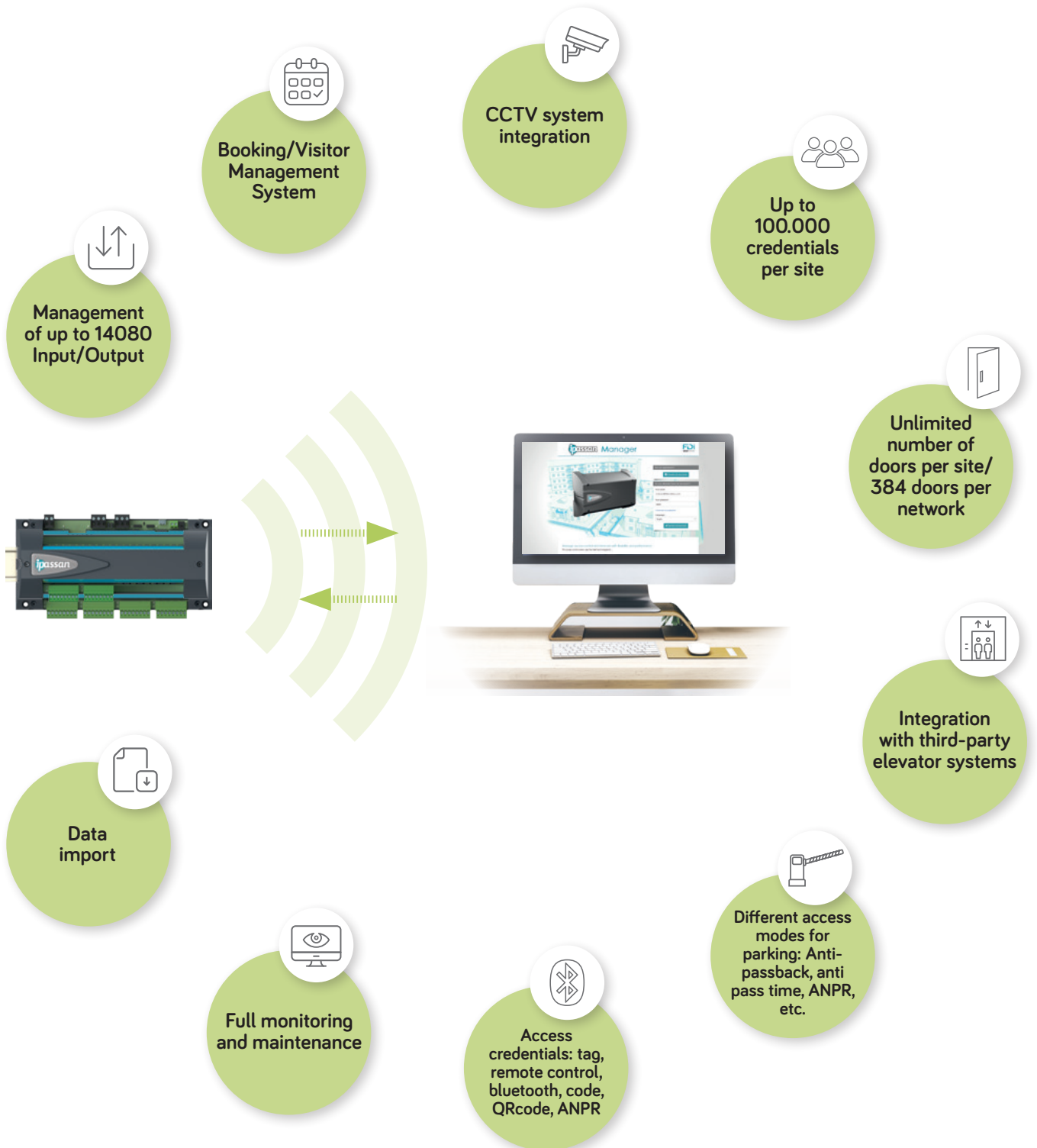
The IPassan system is scalable and can be expanded at any time; it can be integrated with Urmet entry panels, the 2Voice system and with 2 Smart or Wiegand peripherals.



The 2 Smart controller manages 4 gates with the possibility of adding an expansion module for another 2 gates, while the Wiegand controller manages 2 gates without expansion module and 6 gates with expansion module. The controllers can be powered via PoE or with local 12Vdc power supply.

IPassan can be adapted to any building. The controllers can be connected to each other both with RS485 Bus and on IP network. The peripherals, depending on the controller chosen, are connected with 2-wire SMART BUS or with Wiegand technology (9 wires). Thanks to an LED on the controller or on the expander it is possible to immediately verify the correct functioning of the system. Using the TCP/IP connection it is possible to interface the IPassan system with third-party systems (elevators, hvac, etc.).

Features and benefits

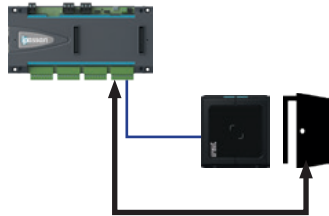


Peripherals

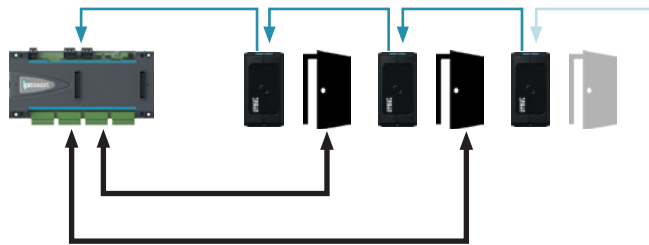


Features	Bi-technology		
	2Smart	RS485	Wiegand
Different technologies	Mifare® Classic, Mifare® Plus, Desfire, Bluetooth, etc.	Mifare® Classic, Mifare® Plus, Desfire, Bluetooth	Mifare® Classic, Mifare® Plus, Desfire
Technology	2Smart	RS485	Wiegand
Number of wires	2 polarized	5	9
Distance	Controller/peripheral: 100 m	Local Bus RS485: 1000 m	Controller/peripheral: 100 m
Maximum number of peripherals	Per Controller: 4 or 6 with expander module	Per Controller: 2 or 6 with expander module	Per Controller: 2, 6 with expander module

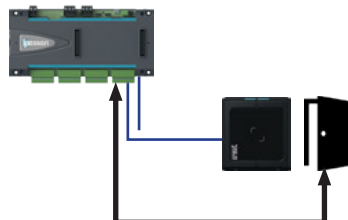
2Smart



RS485

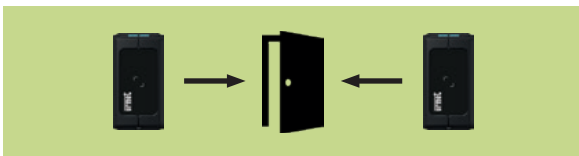


Wiegand



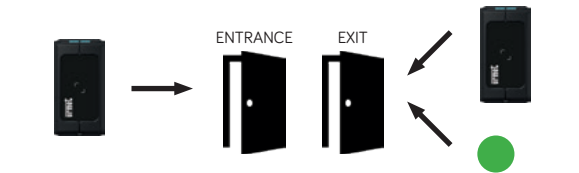
Peripherals: access mode

By default, each peripheral is associated with its own “Gate” of the Controller, but during configuration it is possible to:



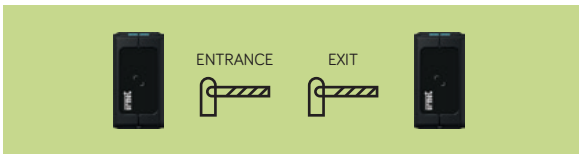
Associate 2 peripherals to 1 port (in/out)

Up to a maximum of 6 peripherals can be associated on 1 gate.
Up to a maximum of 6 ports can be associated on 1 peripheral.



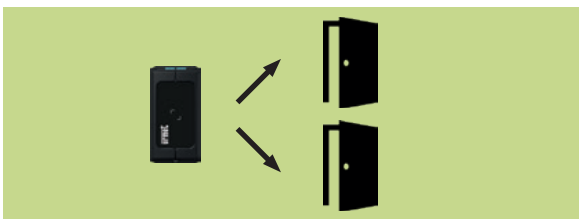
Count accesses (users/vehicles) with the possibility of limiting entry.

The counting can be managed for apartments, user groups and companies.

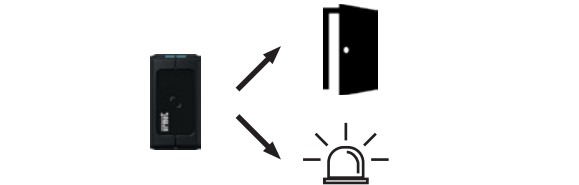


APB (ANTI PASS BACK) - the vehicle cannot re-enter the controlled area unless it first exits it.

ANTI PASS TIME - only 1 vehicle is allowed to enter the parking lot, while the access to a second vehicle is re-enabled after a programmed time.



Pair 1 peripheral to different gates



Associate 1 device with 1 port and activate a service

Profiles: access mode

For a credential

Guaranteed access for a certain period - Checkin-checkout.

For door or floor

Guaranteed access for a certain period - Checkin-checkout.

For a peripheral

Simple access for a certain period and with double confirmation for the remaining hours of the day.

For a path

Allow access to a path only during certain hours of the day.



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