



Online Access Control

IF YOU LOVE YOUR BUILDING

FDi
URMET|GROUP



Features and benefits

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

This simple but powerful solution is the result of continuous improvement of the access control expertise of our engineers involved in this project at FDI.

The **IPassan** system is set-up via the **IPassan Manager**, a very intuitive software which can be installed on a computer or on a server to enable remote and multiple access.

IPassan Manager is an architectural real client server, offering the best possible flexibility.

A Cloud version is also available on www.ipassan.com if an Internet connection is available on site.



- Up to six 2SMART readers per controller
- Easy commissioning smart wizard
- Secure communication
- Scalable access control



CCTV
integration



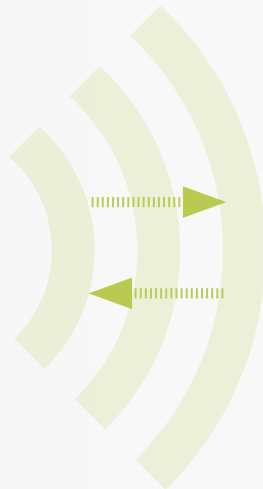
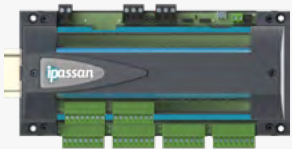
Up to
100.000
credentials
per site



Booking
/ Visitor
Management
System



Unlimited
number of
doors per site/
384 doors per
network



HLI
(High Level
Interface)
lift / intercom



Data import



Anti-passback
and ANPR



Full monitoring
and
maintenance



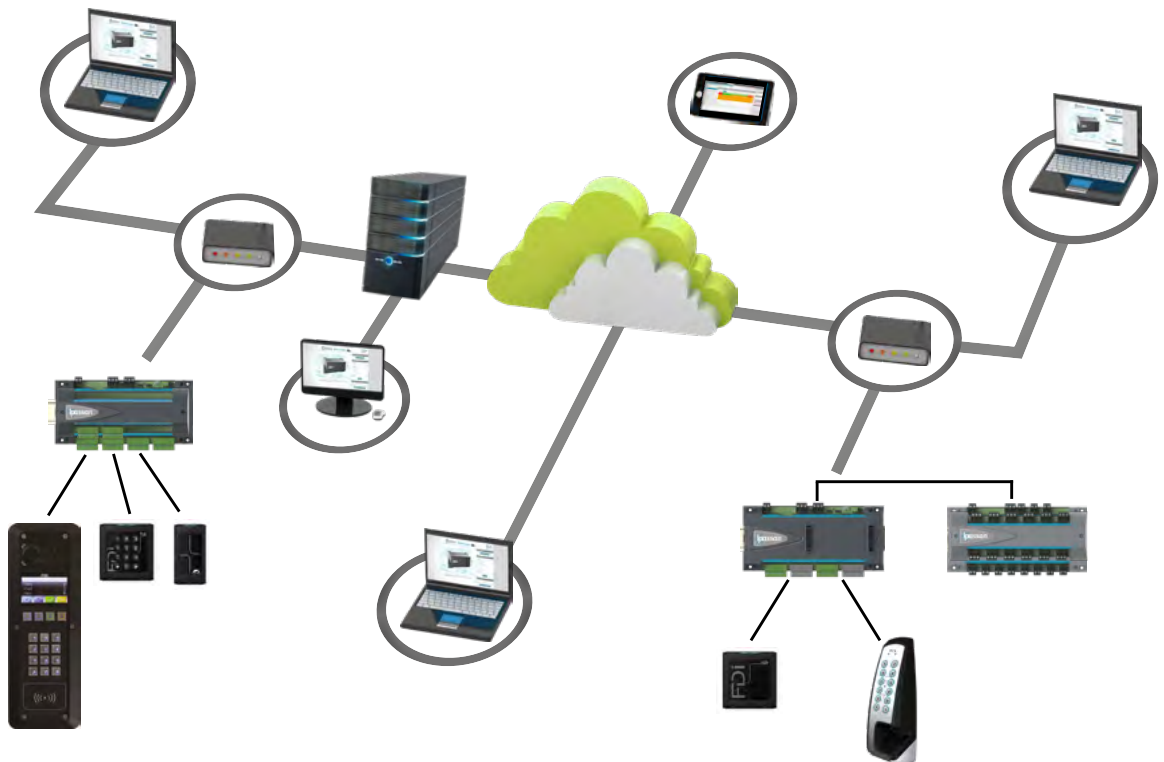
BLE
access



System architecture

Two solutions are available for the connection of the first controller to the server/computer on which the **IPassan Manager** is installed: by USB or Ethernet. USB is very universal. Ethernet has a main advantage which is remote management.

IPASSAN MANAGER



IPassan can be adapted to any building. Two communication technologies are offered :

The **FDI RS485** encrypted bus has all advantages of a field bus : ease of installation, reliability and comfort of use. Only 3 wires are used to connect a peripheral to the bus. A LED on the controller or on the expander shows the correct communication.

For more performance also, controllers are full TCP/IP which enables high transfer speeds and makes the communication with third party systems (lifts, hvac, etc.) easier. It also offers more interconnectivity (optical fiber, Internet, etc.)



FDi

For 2-SMART readers **Part Number**

IPassan 4 door base controller
Ethernet connection 24/48V POE **FD-125-001**

IPassan 4 door base controller
Ethernet connection 12V **FD-125-002**

IPassan 2 door expansion card
for base controller (door 5-6) **FD-125-010**

For Wiegand readers

IPassan 2 door base controller
Ethernet connection 24/48V POE **FD-125-003**

IPassan 2 door base controller
Ethernet connection 12V **FD-125-004**

IPassan 4 door expansion card
for base controller (door 3-4-5-6) **FD-125-011**

I/O options

10 input base module
RS485 connection **FD-125-015**

12 input expansion card **FD-125-020**

10 output base module
RS485 connection **FD-125-016**

12 output expansion card **FD-125-021**

Dimensions

Base modules
(controllers, 10 input, 10 output) 200x90x34mm

With cover  210x145x65mm

Top options (doors, 12 input, 12 output) 200x70x26mm

Metal enclosures

Small metal enclosure for 2 modules
(PSU included) switch mode **FD-500-499**

Large metal enclosure for 4 modules
(PSU included) switch mode **FD-500-500**

Power supply 3,5A 13,8VDC switch mode **70-001-119**

Power supply 7A 13,8VDC switch mode **70-001-120**

RF Receivers - Encoder

2 wire RF receiver 433Mhz **FD-020-190**
2 wire RF receiver 868Mhz **FD-020-191**

Wiegand RF receiver 433MHz **FD-020-185**
Wiegand RF receiver 868MHz **FD-020-186**

USB encoder 13.56Mhz **FD-500-575**

2-SMART readers - 13.56Mhz **Part Number**

Mullion reader **FD-020-081**
*P40 mullion reader ** **FD-020-220**

Mullion reader VR **FD-020-086**

Panel mount reader 40x40mm **FD-020-007**

Mushroom reader **FD-020-175**

P60 single gang box reader - black **FD-020-209**
P60 single gang box reader - white **FD-020-223**
*P80 mullion reader** **FD-020-221**

Urmet Sinthesi S2 reader **FD-020-176**

Urmet Sinthesi Steel reader **FD-020-132**

Urmet Elekta Steel reader **FD-020-166**

Stainless Steel Backlight keypad I3 **FD-025-178**

Pin & prox reader 100m **FD-020-202**
*PK80 mullion reader** **FD-020-222**

Wiegand readers 34bits - 13.56Mhz

Mullion reader **GB-020-097**
*P40 mullion reader ** **FD-020-224**

Mullion reader VR **GB-020-098**

Panel mount reader 40x40mm **FD-020-167**

Urmet Elekta Steel reader **FD-020-157**

P60 single gang box reader - black **FD-020-137**
P60 single gang box reader - white **FD-020-154**
*P80 mullion reader** **FD-020-225**

Urmet Sinthesi S2 reader **FD-020-171**

Urmet Sinthesi Steel reader **FD-020-160**

Stainless Steel Backlight keypad I3 **FD-025-082**

Fingerprint reader Wiegand output **FD-020-121**
Fingerprint USB desktop enroller **FD-020-173**

Pin & Prox reader RS 485 1000m **FD-020-204**
*PK80 mullion reader** **FD-020-226**

Key fobs - Cards - Transmitters

Mifare classic® key **GB-010-010**

Mifare Plus® key **GB-010-200**

Pack of 10 ISO cards 13.56Mhz **FD-010-051**

13.56MHz/RF433MHz transmitter **FD-010-171**
13.56MHz/RF868MHz transmitter **FD-010-172**

433MHz Mifare Plus® transmitter **FD-010-203**
868MHz Mifare Plus® transmitter **FD-010-204**



**Available in 2020*



IPASSAN008GB - Printed on paper from sustainable and certified forests.

 DESIGNED AND
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