ACCESS

Web Access

xpr Access

Web Access

Control everything via Internet, anywhere you are and with the device that you prefer to use: your mobile phone, tablet or computer.

We make easier for you to control the access to the doors of your house, office, business... No matter the physical distance.

Just with one web server controller, the MyWS4, and our readers and keypads specially designed to be connected to it.




BROWSER

WS4
CONTROLLER

RS485 (1)

RS485 (2)




- Capacity for 2500 users
- 250 access groups
- 50 weekly schedules
- Stores the last 50,000 events
- Airlock function: applies to 2, 3 or 4 doors
- Anti-passback function
- Anti-passback time function

- 10 operators (with one specially dedicated to the installer for the remote maintenance of the system)
- Import users
- Export events and users (CSV format)
- Easy saving of data: on a USB Key, in the WS4 internal memory (daily), or on the user interface.

Main Advantages of the System

- All the Access system can be manage from anywhere in the world, via the Internet.
- Very easy to install and to use.
- Created to manage 4 doors with different readers, the system can be extended to 20 doors, managing 2500 users and 250 access groups (categories).
- Once installed, the system is 100% stand alone.
- The readers work with RS485 outputs, establishing a bidirectional communication between the readers and the controller, and reducing the number of wires needed in the installation.
- The controller has TCP/IP connection (10/100/1000 Base-T – HTTP or HTTPS).
- The power supply is located in the controller, making it easier to check the status of all the doors connected.
- It´s a very versatile solution, being possible to control and combine different options: a door with anti-passback + another one without it, several doors with different functions...
- Adaptive web format: adapts to the format of your equipment (Responsive Web Design).

WS4

The WS4 is a 4 door control unit that can be extended to 20 doors if needed.
Created to be installed and used very easily. There is no need to install or download any software.
There is no need to have a dedicated PC either. Everything is available online and the operators just need to register with their serial number to start using the software application.

- 100% stand-alone
- No software to install or download
- Intuitive and ergonomic interface
- No dedicated PC
- Can be used with all types of device: PC, MAC, Smartphone, iPhone, Tablet, iPad
- Accessible from anywhere in the world with Internet connection
- Reduced installation time
- Adaptive web format Adapts to the format of your equipment (Responsive Web Design)
- TCP/IP connection: 10/100/1000 Base-T – HTTP or HTTPS
- Intelligent power supply: with full discharge battery protection and protection of power supplies against short circuits

Complete visualization of the status of the system at a glance

You will be able to check quickly all the following details:

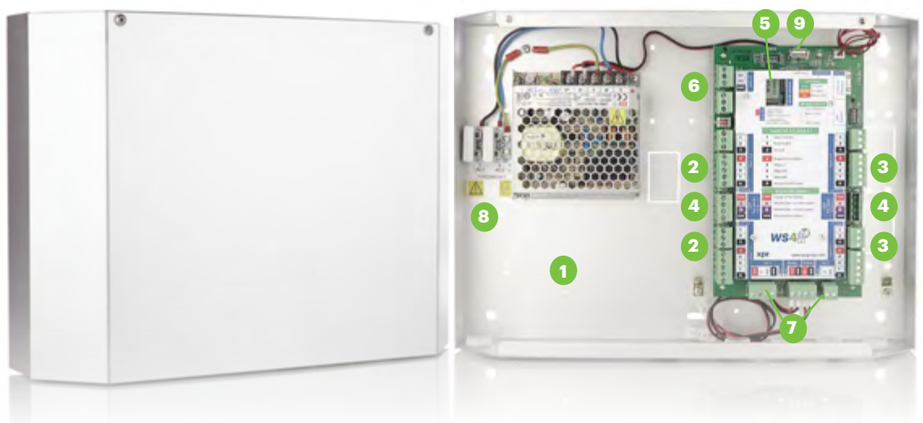
- The status of the doors and the readers
- The battery and power supply status
- The controller housing security (in case the housing could be vandalized)
- The presence or absence of alarms
- The system date and time
- The number of operators connected to the controller

Main menu

Available in English, French, German, Spanish, Dutch, Italian, Portuguese and Danish.

One click, and you will be able to:

- Navigate through the menu
- Visualize the events recorded
- Give the order to open a door
- Lock and unlock the doors



Practical and complete hardware

Housed in a brushed aluminium casing, the management electronics of this 4-door unit is based on a powerful microprocessor associated with a Linux kernel. Easy access facilitates wiring on the plug-in terminals.

1	Space for rechargeable 12V / 7Ah battery with reverse polarity protection. Low battery detection and anti deep discharge.	
2	Doors 1 and 2:	• Input for door contact and push button. • Direct output for latch/lock with 12 V DC- 2x600 mA power supply
3	Doors 3 and 4:	• Input for door contact and push button. • Direct output for latch/lock with 12 V DC- 2x600 mA power supply
4	• Reader connection (RS485).	• Maximum current per reader: 225 mA • Reader power supply 12 V DC-225 mA (4x)
5	Processor:	• ARM A5 - 528 MHz • Memory 64 MB RamDDR2 133 MHz • Built-in clock - Runs 4 days in off mode.
6	2 auxiliary inputs for, as desired:	• evacuation contact (door release) • broken glass: detection if activated • Vehicle presence loop for badge acceptance
7	2 auxiliary outputs for, as desired:	• activating an alarm feature (flash, siren) • memorizing an alarm • indicating the presence of at least 1 user in the area • activating the alarm bell
8	Electrical power supply:	• 120 to 240 V AC frequency 50/60 Hz, 100 VA-1.52A with fuse (1 A)
9	USB port for backup on USB drive	

Equipment
- 350 x 250 x 80 mm
- Operating temperature: 0 °C to +50 °C
- Humidity: 0% to 85% (non-condensing)
- Casing closed by 2 Allen head screws
- Integrated tamper resistance

Simple and efficient programming for users and user access

The main menu gives direct access to the user list.
Creating and modifying users is then accessible.
The list of information displayed may be configured.
Users can be imported from an existing CSV file and exported for another use.

"User" sheet (2500)

This contains the essential items for identifying users and granting access rights.
- Their surname and name
- Up to 5 open customizable fields
- Their authorized dates and times
- 3 access categories
- Their 2 "badge" codes and their keyboard code

Users may be deactivated in a single click. Activating an option enables a user to deactivate system alarms using their badge.

Defining categories (250)

This contains the essential items for defining access rights.
- The category name (Access group)
- The doors to which this category gives access
- The time frame during which access is allowed
- 2 override options:
- blocking during forbidden periods
- the anti-pass-back function

Defining time frames (50)

Define periods during which access is allowed. There is a time frame for each day of the week and a time frame for days established on the calendar as days off or days on which the company is closed. 3 active periods can be set for each daily range.

Days off - Calendar

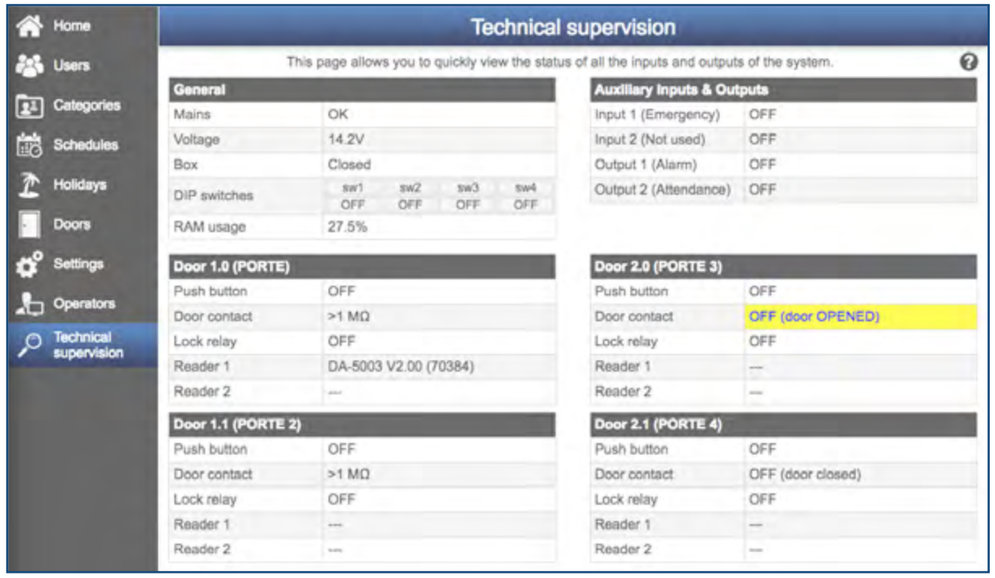
Days off can be set. On these dates, the active daily range in the categories will be that for days off. Individual days or established dates which are repeated yearly can be set. For example, public holidays.

10 operators to manage the system

A list of 10 operators is available. 1 of the 4 rights can be assigned to each operator.
In addition to temporarily deactivating an operator, 4 management rights are available:
- Total control (Administrator)
- Equipment installation
- Access control management
- System monitoring

A technical monitoring screen

To facilitate operation and maintenance, this screen shows all technical parameters and the status of each external connection of the system.



General information
- Power supply status
- Power supply voltage input on the WS4
- The status of the protective contact of the casing
- The status of the configuration dip-switches
- Internal memory usage status

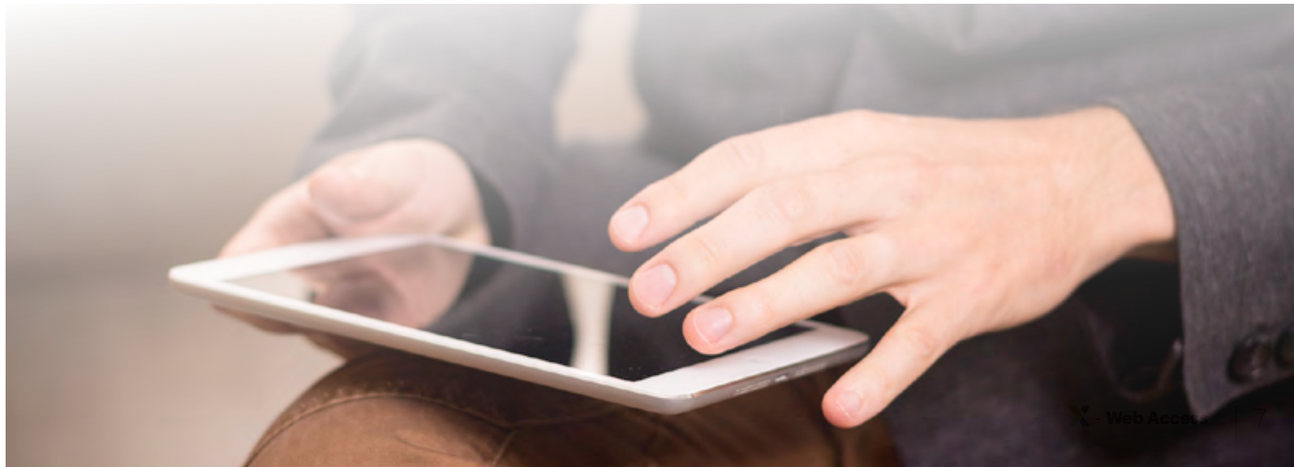
For each door
- The status of the push button
- The status of the door contact
- The control status of the locking system
- Connection status with readers

For inputs and outputs
- The status of the two inputs
- The status of the two outputs

Flexible technical configuration

The configuration screen provides access to various features.
System information is displayed on this screen.

- Network configuration
- Date and time
- "System" options
- Wiegand readers
- Auxiliary inputs and outputs
- "User" options
- Backup and update
- Restore a backup
- Firmware update
- System log



Door programming

Indicating the presence of a door contact makes it possible to activate an alarm:

- in the event of a breach
- in the event of a door opened for too long

This door contact can also be monitored (4-state contact). In the event of a short circuit or interruption of its connection, an alarm is activated.

3 possible combinations

Combination 1

4 doors with 1 reader and 1 push button

x 4

Combination 2

2 doors with 2 readers, input and output

x 2

Combination 3

1 door with 2 readers, input and output, and 2 doors with 1 reader and 1 push button.

x 2

Readers - Web Access

up to 5 cm

-20ºC /+50ºC

0% → 95%

9-14 VDC

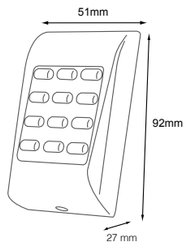
IP 65

MTPADP-RS-EH

EM & HID Keypad and Proximity reader

This double technology reader, in black ABS, offers a double access security: via code and via card. It can be installed either outside or inside. It comes with a RS485 bus and a backlight keypad. Its LEDs, tamper and buzzer are managed directly by the WS4. It can read EM or HID 125 kHz cards, depending on the programming selected.

Ref: MTPADPBK-RS-EH



Solution can be extended to 20 doors

up to 5 cm

-20ºC /+50ºC

0% → 95%

9-14 VDC

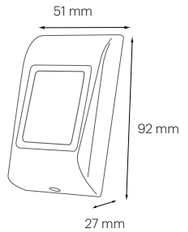
IP 65

MTPX-RS-EH

EM & HID Proximity reader

Elegant and compact 125 kHz proximity reader. The housing, in black ABS, comes with a big rectangular LED. Designed to be installed either outside or inside, it has a RS485 bus. Its tricolor LED, tamper and buzzer are managed directly by the WS4. It can read EM or HID 125 kHz cards, depending on the programming selected.

Ref: MTPXBK-RS-EH



up to 6 cm

-20ºC /+50ºC

0% → 95%

9-14 VDC

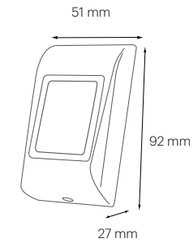
IP 65

MTPX-RS-MF

Mifare reader

Elegant and compact 13.56 MHz reader. The housing, in black ABS, comes with a big rectangular LED. Designed to be installed either outside or inside, it has a RS485 bus. Its tricolor LED, tamper and buzzer are managed directly by the WS4. It can read Mifare Classic, Desfire and Ultralight.

Ref: MTPXBK-RS-MF



-20ºC /+50ºC

0% → 95%

12-24 VDC

1m

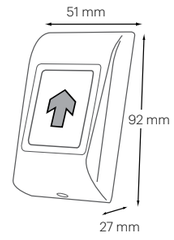
IP 65

MTT

Sensitive Push Button

The MTT sensitive touch button is an entirely electronic, non-mechanical and ergonomically designed access control device. It can either function as an independent manually-controlled push button or alternatively, be connected to a controller to facilitate access from a secure area.

Ref: MTTBK



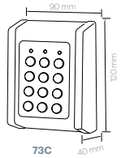
Readers - Web Access

up to 7 cm
-20ºC /+50ºC
0% → 95%
9-14 VDC
65

LCSP-RS-EH

EM & HID Keypad and Proximity reader with RS485 Output

This robust double technology reader provides a double access security: by code and by card. Designed to be installed either outside or inside, it is available in a variety of metal and ABS housings. It can be surface or flush-mounted. It has a RS485 bus and a backlight keypad. Its LEDs, tamper and buzzer are managed directly by the WS4. It can read EM or HID 125 kHz cards, depending on the programming selected.



Ref: LCSP-RS-EH-43B/ LCSPM-RS-EH-43B/ LCSP-RS-EH-73C/ LCSPM-RS-EH-73C/LCSP-RS-EH-103A/ LCSPM-RS-EH-103A

-20ºC /+50ºC
0% → 95%
9-14 VDC
65

LCS-RS

Keypad with RS485 Output

This robust keypad can be either installed outside or inside. It is available in a wide variety of ABS and metal housings, allowing to choose between a surface or a flush-mounting. It comes with a RS485 bus and a backlight keypad. The LEDs, tamper and buzzer are managed directly by the WS4.

Ref: LCS-RS-43B/ LCSM-RS-43B/ LCS-RS-72C/ LCSM-RS-72C/LCS-RS-102A/ LCSM-RS-102A/LCS-RS-62A/ LCSM-RS-62A

Accessories

MIFARE S50 & S70

Fobs & cards

Mifare 13.56 MHz cards (1 KB & 4 KB).
Formats available: NISO and ISO cards (printable) and fobs in ABS.
Fobs colours: grey, black, blue, red or green.

Ref: PBX-1E-MS 50/PBX-2-MS50/PBX-2C-MS50/PBZ-2-MS70

EM Fobs & Cards

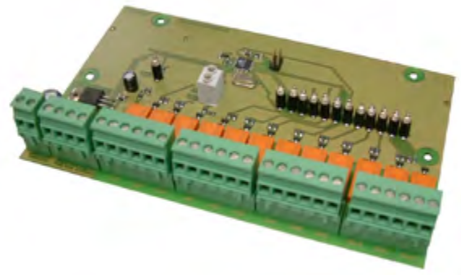
Fobs & cards

125 kHz proximity cards (EM4100 & 4200).
Formats available: NISO and ISO cards (printable) and fobs in leather or ABS.

Ref: PBX-1E/PBX-1C/PBX-2/PBX-2C

Modules and Converters - Web Access

Lift control



WS4-RB

12 output industrial expansion board

The WS4-RB board is an expansion module compatible with the RS-485 and IP head-end local communication bus.

- RS-485 connection on local bus
- 12 outputs: Relay with 2 NO 2 A - 48 V contacts
- Power supply: 13.8 DC min. 20 mA - typical 250 mA - max. 300 mA
- Led signalling for output status
- Plug-in terminals

Ref: WS4-RB-12/WS4-RB-12-E/WSA-RB-24/WS4-RB-24-E

WS4-CNV

Universal interface

This interface makes it possible to connect any type of reader (Wiegand, Data/Clock ISO2, Dallas, and RS-232) on the WS4.

- Power usage without external element: 30 mA
- 13.8V DC output: max. 200 mA
- Input auto protection

Ref: WS4-CNV/WS4-CNV-E/WS4-CNV-PLATE

Symbols legend

EM · Mifare · Terminal Block · Wiring · Voltage · Operating temperature · Operating humidity · IP Protection · USB

Web Access

New Internet website, www.xprgroup.com

We invite you to visit our website to find out more info about our products.