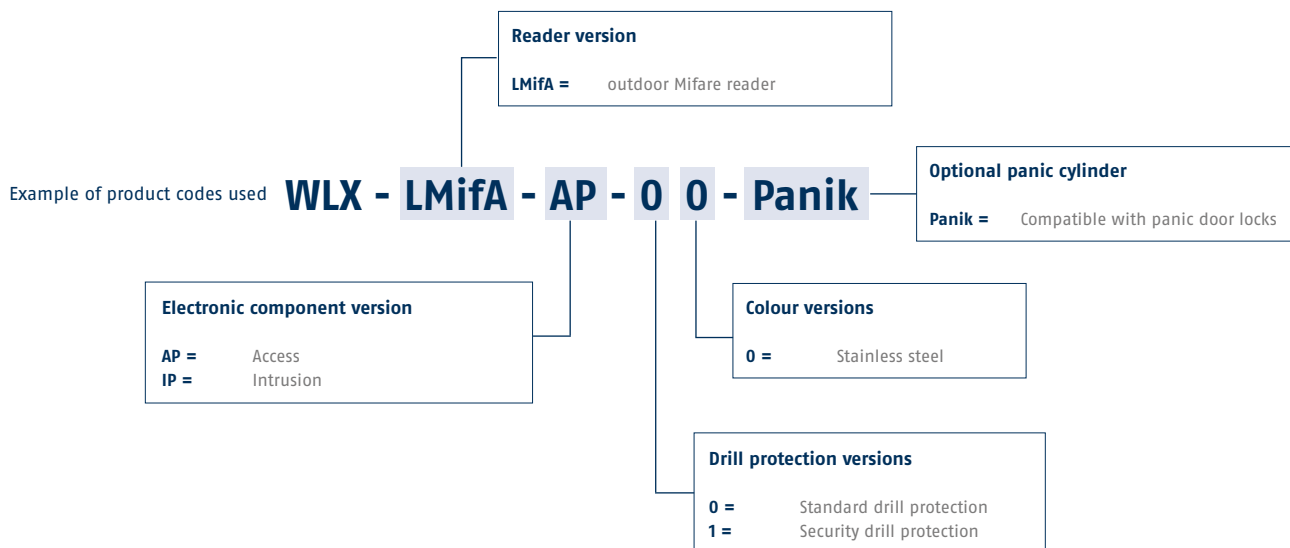


wAppLoxx Innovative access control

Alarm. Web. App.



WAPPLOXX WEB. APP. ALARM.





Innovative access control. That's what the new wAppLoxx System delivers. It combines the advantages of a traditional access control system with flexible and smart online management via the web or an intranet. Create and adjust locking plans, react instantly to events, open doors at the touch of a button and activate your alarm system: you can now do it all from the comfort of your home/office or from anywhere on the go. An app even makes it possible to adjust settings simply by using your smartphone. With the wAppLoxx, ABUS is ushering in a new era of access control – the era of access control 4.0.

ADVANTAGES AT A GLANCE



All in one

- Complete solution for access management in small to medium-sized properties (20 doors, 150 employees covered by a single system)
- Both convenient and secure
- Full wAppLoxx Cylinder control from anywhere in the world
- Arm/disarm burglar alarm systems
- Control opening of doors or motorized locks



Speed and flexibility

- Control via your browser or app
- Configure the wAppLoxx Control online: access rights, activation switching rights, time-restricted access, access logs
- Locking right changes can be wirelessly activated online
- Faster installation and start-up



New features

- Remote arming of individual doors via the web/app from anywhere in the world
- Arm and disarm burglar alarm systems via the web/app from anywhere in the world
- E-mail notifications when a predefined event occurs
- Fully wireless system



Security

- Finest mechanical intrusion protection
- AES protected access
- SSL web security
- Local data storage
- Choose between intranet or web-based access
- Highly secure P2P communication between app and wAppLoxx Control



Web interface

- Intuitive web interface ensures simple installation and operation
- Add new users quickly
- Specify locking and time schedules
- Create locking rights quickly and easily



System benefits

- Control via web or app
- Simple to install with a minimum of project planning required
- Remote door opening and EMA connection
- Intuitive operation via web browser
- No running costs incurred through fees or leasing



The wAppLoxx System offers a range of benefits thanks to its sophisticated IT architecture. Here the wAppLoxx Control acts as the system's communication hub. It is operated via the internet or an intranet, and can be intuitively configured via a web browser.

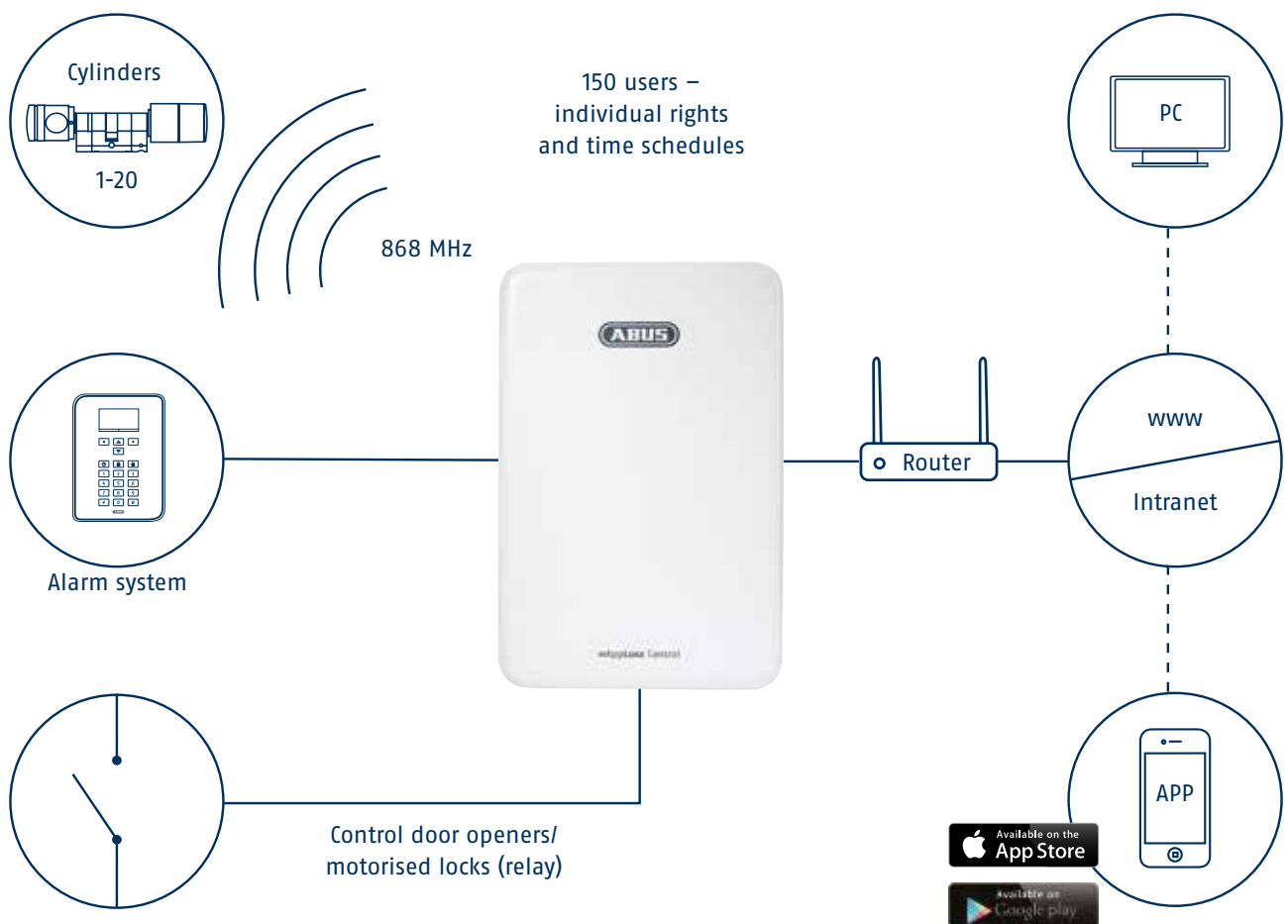
The advantage: locking rights can be updated or changed in seconds and, thanks to the web, are instantly transmitted wirelessly to all doors where they become active. New locking rights thus no longer need to be transmitted to each cylinder individually.

But wAppLoxx offers much more than just quick and reliable access control.

The system also features a first-class alarm connection that includes rights management. Authorised individuals can use the wAppLoxx Cylinder to arm and disarm the burglar alarm system. This considerably reduces the risk of a false alarm being triggered.

Users are offered the highest degree of flexibility when it comes to system control: the wAppLoxx Control can be managed via an intranet but also globally via the web, using any type of end device: from traditional PCs to tablet PCs and smartphones.

WAPPLOXX SYSTEM OVERVIEW





A photograph of a modern building entrance. On the left, there is a bright red door. To its right is a wall with a blue, vertically-ribbed texture. A window is visible in the blue wall. The bottom left corner shows the lower leg and brown shoes of a person standing on a grey tiled floor. A dark blue banner is overlaid on the top right of the image, containing white text.

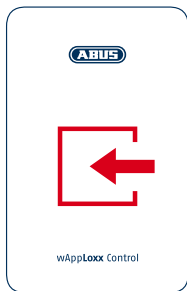
ACCESS CONTROL 4.0 FOR EVERY EVENTUALITY

wAppLoxx is the innovative solution that can not only be used to manage access and authorisations: it also brings added convenience to everyday life. Whether in a private or commercial setting, once installed, the wAppLoxx handles all access rights for everyone – any time, any place.



The wAppLoxx Control is the system's communication hub. This small box impresses not only with its stylish and yet simple design: it is also integral to the overall performance. That's because all of the system's settings are stored here centrally: the Control is home to all of the unit's intelligent features, without any additional running costs.

WAPPLOXX CONTROL SECURE ACCESS CONTROL



secure data



no running costs

DAVID LOWE

Board of Directors
24 / 7 / 365



DEBORAH BALLARD

Newly employed / freelancer
Mon / Wed / Fri



CATHERINE DOYE

Assistant to the Board of Directors
Weekdays 8 am – 12 am



A QUICK GUIDE TO YOUR MANAGEMENT TEAM



ROBERT CHANDLER



Material tester



Weekdays 9 am – 5 pm

ANDREW MACE



Workshop Manager



Weekdays

With the wAppLoxx System, authorisations can be easily granted online and in real-time. If required, time and room restrictions can also be applied. A burglar alarm system can also be connected to the unit so that individual users can be authorised to use the arm/disarm function. And you can adapt the system to staff changes or new employees in little to no time: a few clicks is all it takes to assign a new member of staff precisely the right authorisations.



Manage all your users in one place with just a few simple clicks: add new users and manage locking media, arming/disarming rights as well as time schedules. You can also prevent access for a specific user.

This view enables tailor-made time schedules to be predefined simply by highlighting the appropriate time bars. These can be individually assigned to one or several users.

WAPPLOXX SOFTWARE AN OVERVIEW



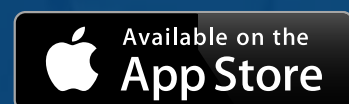
New cylinders can be assigned within the Control at any time. The configuration panel can then be used to set up the opening time and the arming function.



Under System settings, an administrator can adjust all the key options for access, network and e-mail messaging, as well as date, time and language.



APP CONTROL



The wAppLoxx App completes the system: it allows all user functions to be operated on the go. With this app, remote access can be used to allow the unlocking of doors - this function is only visible at the cylinder when someone turns the cylinder outer knob, which flashes green before unlocking. Integrated burglar alarm systems can also be armed and disarmed on the app. Users authorised to access the log view can keep an eye on all events at any given time.



The wAppLoxx App's remote feature allows access to be granted remotely.

The app can also be used to control the arm/disarm feature via a burglar alarm integrated into the wAppLoxx System.



The app's log view provides an overview of operations and authorised personnel access at each door.

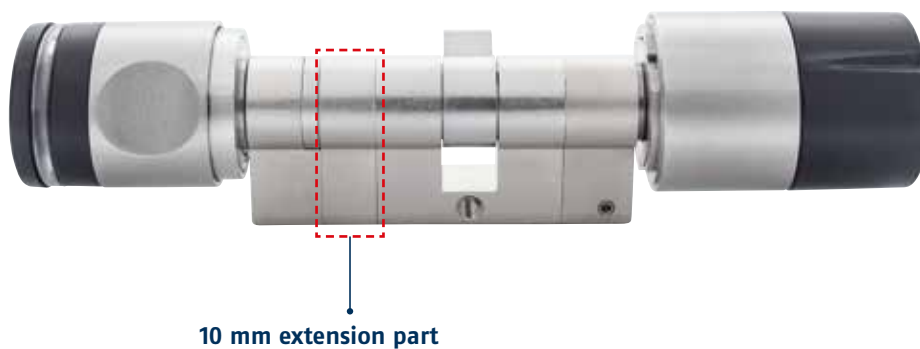


FLEXIBLE & SIMPLE EXPANSION



EXTERIOR SIDE

INTERIOR SIDE



10 mm extension part

A unique modular extension system guarantees flexibility, no matter whether you're dealing with measuring errors, door replacement or a move. That's because these extension modules allow you to adjust the wAppLoxx to practically every door, regardless of thickness.



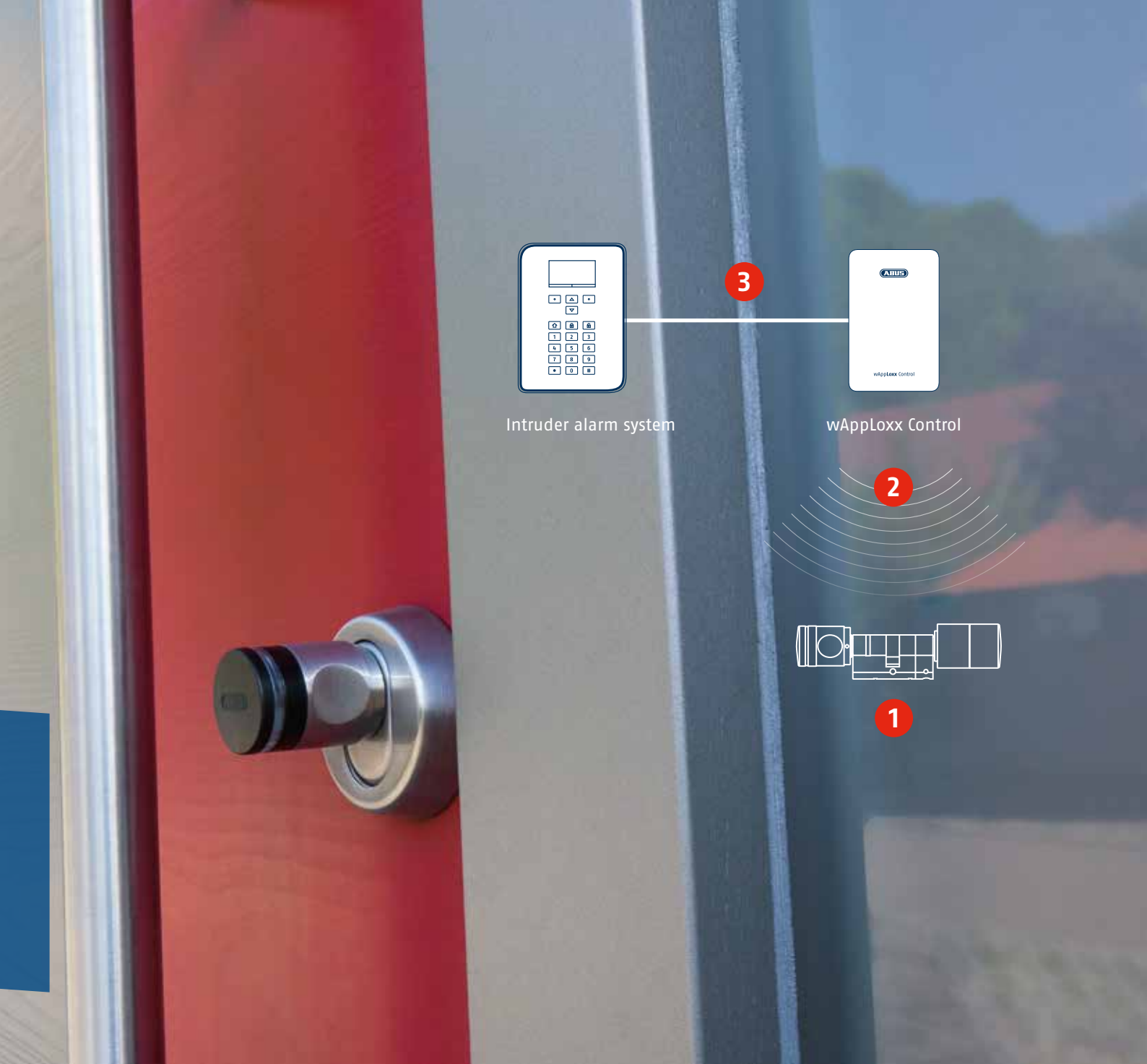
Easily accessible attachment screws at the bottom of the cylinder ensure easy instalment and flexible on-site expansion of your system. Simply unscrew with an Allen key, replace the old module with the new one and screw back into place.





CONTROL YOUR ALARM THE EASY WAY

The wAppLoxx Control can be connected to a burglar alarm system in next to no time, making arming/disarming child's play. But the fun doesn't stop there: this function can also be easily controlled via the app. Here the wAppLoxx Control takes care of all communication with the individual components. What's more, the system prevents annoying false alarms by reducing the risk of their occurrence when doors are being locked or unlocked.



The alarm system can be armed or disarmed directly via the wAppLoxx Cylinder **1** operating panel.

The arm/disarm command is sent wirelessly to the wAppLoxx Control **2**, which is connected to the burglar alarm system **3**.

SECURITY AND COMFORT FOR YOUR PROPERTY

Areas of application

The wAppLoxx System is suitable for use in both commercial and private properties, e.g. in homes, offices, GP surgeries or solicitors' offices. Up to 20 wAppLoxx Cylinders and 150 users can be easily managed with just a single Control.

Business

- Optimally secure professional premises
- Highest level of access control
- Includes alarm arming
- Separate access rights, e.g. for individual offices, archives or sensitive areas in GPs' surgeries, such as laboratories and medication storage facilities
- Remote management possible
- Adjust settings to suit your needs at any time
- Highest level of data security





Home

- Effective access control and greater protection against break ins
- Manually unlock doors from anywhere via the web or the app
- Perfect for when you lose your keys or need to let an unexpected visitor (e.g. tradesperson) into your home
- Alarm system arming and disarming





- Smart online control for up to 20 wAppLoxx Cylinders
- Authorisation changes become immediately active
- Alarm system control
- Internet connection available
- Locking plans and authorisations are controlled via a web browser
- Allows you to respond within a matter of seconds to lost keys or pre-defined events
- Greater security thanks to SSL encryption
- Easy initial operation thanks to the wAppLoxx Control Finder software

Item **WLX-CTRL**

Description	WLX Control
Product features	<ul style="list-style-type: none"> • Control unit that be connected to up to 20 WLX cylinders • Web link via LAN connection • Configuration via web browser • Wirelessly request to view locking authorisations using cylinders • Change locking rights in real-time • Remote function (door unlocking) and link up to alarm control panels
Additional functions	Connect to burglar alarm systems, grant authorisation for access and/or arming/disarming, special key for a monitoring station, authorise remote access, remote arming/disarming, event management and e-mail notifications, log and time function
Scope of delivery	wAppLoxx Control, quick guide, secure code card, software CD, micro SD card
Required accessories	wAppLoxx Cylinder, power supply unit
Logging/time function	Keeps a log of last 5000 events
Locking media	Maximum of 150 locking media
Wireless range	approx. 30 metres indoors (100 m free field nominal)
Wireless standard	868.3 MHz
Encryption (wireless communication)	AES 128 bit
Configuration	Web interface (web browser, platform independent)
Power supply	12 V DC, 1 A, via external power source (not included)
Conditions of use	max. 80% relative humidity, non-condensing, indoors
Housing dimensions	160 x 110 x 28 mm (H x W x D)
Material	Plastic housing, white
Inputs and outputs	Relay 1+2: 30V DC, 2A; inputs 1, 2, 3: 12V DC, max. 0.1A

Product code	WLX-CTRL
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Accessories

PSU with connector, 12 V

Power supply unit (flush mounted)

Product features	<ul style="list-style-type: none"> • 12 V DC / 1.5A • Colour: white • incl. plug attachments (EU, AUS, UK, US)
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<ul style="list-style-type: none"> • 12 V DC / 1.5A • Colour: black

Product code	NT-ST-12V
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Product code	NT-UP-12V
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- Operation via write-protected Mifare Desfire transponder
- Electronic cylinder allowing connection to the wAppLoxx Control; manage the system via the web/app
- Sturdy design, quality stainless steel knobs with synthetic cap
- Easy to configure with online system administration
- Keeps a log of recent events
- Battery status visible on the App and on the software

Item

WLX-LMifa-AP

WLX-LMifa-IP

Description	WLX Access double knob cylinder	WLX Intrusion double knob cylinder				
Product features	<ul style="list-style-type: none"> • Electronic double knob cylinder with Mifare reader • Increased intrusion protection for your door • Individual length adjustment • Secured wireless connection between cylinder and wAppLoxx Control 	<ul style="list-style-type: none"> • Alarm version: suitable for alarm system control 				
Additional functions	Opening time can be set between 6 and 12 sec, remote access	Opening time can be set between 6 and 12 sec, remote access, alarm system arming				
Scope of delivery	Double knob cylinder, quick guide, 3 V CR2 lithium battery					
Required accessories	ABUS Seccor Mifare medium, CLX-Z-WS tool kit					
Optional accessories	wAppLoxx-ESE					
Locking media	ABUS Mifare Desfire EV1 4-byte tag / 7-byte Mifare classic tags (we accept no liability for the use of other media)					
Area of application	Doors with PZ mortise lock, multiple locking, panic lock (available for locking nose with free-wheel function)					
Maximum number of locking media	150 locking media in the Control, 10 of which are cylinder fallback transponders					
Configuration	Configuration and system administration via wAppLoxx Control					
Wireless range	approx. 30 metres indoors (100 m free field nominal)					
Wireless standard	868.3 MHz					
Reading distance	< 1 cm					
Encryption (wireless communication)	AES 128 bit					
IP protection class	55					
Power supply	3 V CR2 lithium battery (min. 50,000 openings or 2 years standby) emergency power via wAppLoxx-ESE (see gen. accessories)					
Conditions of use	Outdoors: -20°C to +60°C / IP55; Indoors: -10° C to +60° C / IP55					
Outer knob dimensions	∅ 30 mm, length 41 mm					
Inner knob dimensions	∅ 33 mm, length 49 mm					
Material	Stainless steel knob, plastic					
Standard length	Exterior 30 mm / interior 30 mm, can be extended modularly in 5 mm increments					
Product code	WLX-LMifa-AP-00	WLX-LMifa-AP-10	WLX-LMifa-AP-00-Panik	WLX-LMifa-AP-10-Panik	WLX-LMifa-IP-10	WLX-LMifa-IP-10-Panik
Drill protection	Default	Security	Default	Security	Security	Security
Colour	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel	Stainless steel

Extensions: if length measurements are given (exterior/interior), a fully assembled model will be directly delivered. If no length measurement is given, a fully-assembled 30/30 mm version of the WAppLoxx will be delivered. Order measurements that do not comply with the 5-mm grid will be rounded up. Cost applied for extensions (if technically feasible).

A special version with free-wheel internal twist handle available. This version cannot be locked or unlocked from inside. Should only be used with free-turning cylinder compatible panic locks when installed in panic doors. Your specialist dealer is responsible for ensuring product is used as intended. Price available on request.



THE FLIGHT

GENERAL ACCESSORIES



Item **W LX-Card Reader**

Description	W LX-Card Reader
Product features	External USB Mifare card reader to read in Mifare locking media Suitable for Mifare Classic 4 + 7 byte and Mifare Desfire EV1
System requirements	Operating systems: MS Windows XP, Windows 7, Windows 8, Windows 10
Conditions of use	0 – 40°C, max. 80% rel. humidity, non-condensing
Scope of delivery	USB stick
Material	Plastic
Product code	W LX-Card Reader
	Available Q4 2016



Item **W LX-ESE**

Description	W LX External Power Supply
Product features	External electricity supply: activates locking systems (W LX) when battery has low power
System requirements	–
Conditions of use	0 – 40°C, max. 80% rel. humidity, non-condensing
Scope of delivery	ESE, 3V lithium battery CR2
Material	Plastic
Product code	W LX-ESE



Item

wAppLoxx extension sets

Basic set to reduce length to 30/30 mm

Product features

- A unique modular system that allows optimal on-site length adjustment
- Suitable for all ABUS Seccor double knob cylinders
- Only requires one extension set for each side (exterior and interior)
- Available in a total length of up to 150 mm
- Total lengths > 85 mm will require a deviated axis
- Extension set > 30 mm available on request

- Required when extended cylinders need to be returned to their standard length
- Needed during, e.g. relocation, door replacement or measurement errors

Scope of delivery

Extension adapter, bolts

2 x bolts

Length

5 mm 10 mm 15 mm 20 mm 25 mm 30 mm

Product code

CLX-Z-V-05 CLX-Z-V-10 CLX-Z-V-15 CLX-Z-V-20 CLX-Z-V-25 CLX-Z-V-30

CLX-Z-V-00



Item

Mifare tag

CR-2 battery

Product features

- Mifare Desfire EV1 chip
- Can be used in many different ABUS Seccor locking systems that feature compatible contactless readers
- Easy contactless opening
- Numbered

- Standard long-lasting lithium battery set
- For use in all ABUS Seccor cylinders
- Voltage: 3 V
- Capacity: 750 mAh

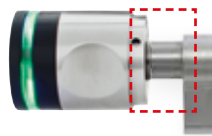
Product code

T-Mif-Des-N

CR-2



Item	WLX extension set	Part replacement set	Screw replacement set
Product features	<ul style="list-style-type: none"> An all-in-one kit ideally suited to tradespeople installing locking systems with wAppLoxx Cylinders 	<ul style="list-style-type: none"> Practical replacement part kit for wAppLoxx parts Service pack perfect for servicing, repairs and maintenance 	<ul style="list-style-type: none"> Complete screw replacement kit for wAppLoxx double knob cylinders Perfect for servicing, repairs and maintenance.
Scope of delivery	WLX tool kit 8 x 5 mm extension set 8 x 10 mm extension set 5 x 15 mm extension set 3 x 20 mm extension set 1 x 25 mm extension set 1 x 30 mm extension set 2 x shortening adapter bolts	Medium adapter component Exterior adapter component Interior adapter component Exterior adapter sleeve Fixing washer Cam component	Fixing washer Exterior adapter sleeve 2 x setscrew with nylon thread 4 x 8 mm 1 x O ring 30 x 1 NBR 70 Shore Perbunan
Product code	CLX-Z-VS	CLX-E-ES-K	CLX-E-ES-S



Item	Special WLX model: wAppLoxx for doors without exterior PZ perforation	Tool kit
Product features	<ul style="list-style-type: none"> This special design is compatible for all wAppLoxx versions Required for use with doors without exterior PZ perforation Cannot be used to retrofit wAppLoxx standard models When placing your order, please also mention the desired dimensions (distance in mm) between cylinder body and knob Available in distances of 7 mm, 10 mm and 12 mm (standard design features 2 mm separation between cylinder body and knob); please note that when ordering bespoke models, this minimum distance of 2 mm must be taken into account 	<ul style="list-style-type: none"> Matching tool set for the installation of wAppLoxx lock cylinders Also suitable for service (battery replacement)
Scope of delivery		Key to open battery compartment, Allen key to install and remove exterior knobs and extension sets
Product code	Special WLX model	CLX-Z-WS



Item	wAppLoxx demo case
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Product features	All you need to deliver a professional building assessment. Show your customers the benefits of our traditional access control systems and demonstrate how alarm systems can be armed/disarmed using flexible and smart online control via an intranet or the web.
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Format	47 cm (W) 33 cm (H) 17 cm (D)
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Contains	Aluminium case complete with 1 x WLX Control, 1 x wAppLoxx, 1 x Mifare Desfire tag, signalling elements, 1 x wireless router, 1 x power supply unit with UK plug adaptor, Quick Guide
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Package unit	-
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Product code	WLX demo case
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SERVICE THAT DELIVERS



Practical training

Come and take part in our wAppLoxx training session. Here you not only have the chance to get to know the products and their basic features, we also offer an essential guide to configuration, installation and servicing. We show you how you can turn your customers' needs into reality in the shortest space of time – whether in a business or a home.



Service and technical support

Do you have any questions concerning our products or do you require device configuration support? Our technical support team are here to help.
Tel: 0117 204 7000
We are available: Mon – Fri 8.30 am – 5 pm



Trust through security



ABUS has long stood for high-quality security technology. But our brand's promise goes beyond the product itself; for us, a first class service also means mutual trust and a strong customer focus.



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