

## Wireless Locking Convenience

**blueSmart** electronic door handles for internal doors (ETB-IM)



## Electronic door handle for internal doors – perfect integration into the blueSmart product range

Modern systems for access organisation and control from Winkhaus provide flexible utilisation options for your building management and hence allow changing user structures. Especially public buildings, such as schools, hotels, large office buildings, clinics and hospitals, often include sensitive sectors that need to be protected against unauthorised access.

Our electronic locking systems are exactly matched to meet these increased organisational requirements providing the possibility of central and prompt administration of access rights. What is more, Winkhaus blueSmart stands out due to its almost unlimited scalability, enormous flexibility, high quality and simple handling.

blueSmart electronic door handles for internal doors enable you to extend existing locking systems quickly and easily or to integrate a new electronic locking system. They perfectly fit into the blueSmart product range, offering compatibility with all common internal doors made of timber, steel or PVC-U and various thicknesses of door sashes.

On request, the electronic door fittings can be combined with mechanical or electronic locking cylinders, e. g. for special authorisation or emergency opening options.



## Easy installation and flexibility

Our wireless electronic door handles are tremendously versatile: Whether it's internal doors with mortice lock, latch function or automatic lock, the communication always takes place rapidly and contact-free by means of authorised blueSmart keys, key tags and identification cards. Electronically controlled on one side, these door handles offer you particularly flexible possibilities for access organisation due to their single and permanent release functions which are manually and automatically adjustable.

Thanks to the preassembly of components performed at the factory, mounting at the door is very easy: After removal of the existing door handle set the electronic fitting is fixed by screws, using the DIN drill holes in the door lock in a torsion-proof way. This is achieved without needing additional cabling or damaging the door sash, usually not even drilling is required. A quick-installation guide and a video animation provide complementary support for the mounting process. Likewise, changing the handle direction from DIN left to DIN right and replacement of the battery can be performed with a standard tool in just a few simple steps.

## Always on the safe side

blueSmart electronic door handles for internal doors are for one thing outstandingly functional and, what is more, they offer you the opportunity to respond flexibly to different security demands in five premium stainless steel designs.

You have the choice between five designs for standard doors, three of them also suitable for use in escape doors. The latter prevent bags from getting caught at the door handle.

If organisational structures and access requirements in the building need to be changed in the course of time, it is possible to extend your locking system at any desired time to match the current demands. To this end blueSmart offers a whole product world.

### L-shaped handle for standard doors



D210

D310

### U-shaped handle <sup>1)</sup>



D110

D116

D330

<sup>1)</sup> Suitable for use in emergency exit doors according to EN 179.

# Minimalistic design with timeless charme

Electronic door handles from Winkhaus are equipped with a high-quality and translucent plastic covering, being not only extremely robust, but also UV-resistant and hence especially resilient to external influences. The fittings are available in two colours and five handle designs.



## Technical data

<b>Handle designs (stainless steel)</b>	D210, D310, D110 (EN 179), D116 (EN 179), D330 (EN 179)
<b>Colours of plastic casing</b>	- Black (RAL 9005, deep black) - White (RAL 9003, signal white)
<b>Dimensions</b>	H x W x D: 118 mm x 61 mm x 25 mm
<b>Applications</b>	Internal doors including standard mortice locks with latch deadbolt as well as locking and unlocking of automatic locks
<b>Door measures</b>	- Thickness of door sash: 38 mm - 100 mm <sup>1)</sup> - Square sizes: 7 mm, 8 mm, 8,5 mm or 9 mm - Backsets: from 45 mm
<b>Technology</b>	blueSmart
<b>Operating modes</b>	Single release, office function, extensive permanent release modes
<b>Type of battery</b>	3 x AAA
<b>Battery service life</b>	- Up to 50,000 operations or up to 6 years in standby - Battery warning: optical, acoustic and via the virtual network
<b>Temperature range</b>	-10 °C to +60 °C <sup>2)</sup>
<b>IP class</b>	IP 40 acc. to DIN EN 60529, IP 54 acc. to DIN EN 60529 in variant FS
<b>Signalling</b>	- Sound signal - LED (green/red)
<b>Event memory</b>	- Ring memory including the latest 2,000 locking events - Protocol function can be deactivated - Extensive adjustment options complying with European GDPR regulation
<b>Assembly</b>	Quick assembly by way of handle rosette screws; entirely pre-assembled handle for any installation; installation without damaging the door sash
<b>Handle conversion</b>	Conversion of handle direction left-right / right-left
<b>Fire protection approval</b>	Version FS for use in smoke and fire doors

<sup>1)</sup> Differing sash thicknesses on request.

<sup>2)</sup> If lithium batteries are used. Standard equipment with alkaline batteries (temperature range: +5 °C to +50 °C).

## Major benefits of our electronic door fittings for internal doors:



### **Assembly at lightning speed**

No drilling and cabling needed,  
no scratches at the door sash



### **Convenient handling**

Handy, rotation proof,  
enhanced sturdiness in long-term use



### **Easy maintenance**

Easy battery replacement  
with standard tool



### **Reliable protection**

Flexibly assigning and modifying  
access authorisations



### **Intuitive use**

Marked interaction area,  
optical and acoustic signalling



### **Premium quality**

Engineered and assembled in Münster,  
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