



CleanAccess

The smart way to open doors





CleanAccess – Contact-free and hygienic solution for opening swing doors

Hygiene, the transmission of bacteria and viruses, and breaking the chains of infection pose major challenges for a number of individuals and companies. CleanAccess from BBC Bircher Smart Access is the answer to these increasing demands.

The combination of the world's smallest automatic door openers and the sensors and switches from BBC Bircher Smart Access allows swing doors to be opened hygienically and contact-free – without touching a single door handle. The door automation opens swing doors in low-energy mode – safely and accessibly. The sensors and switches can be combined in multiple ways, allowing for the ideal solution to be found for any situation or individual customer need.

CleanAccess meets every hygiene requirement and helps prevent the spread of bacteria and viruses by allowing swing doors to be opened and closed contact-free. This means that doors can be passed through without any discomfort.

CleanAccess – The hygienic door opening solution from Bircher

CleanAccess is a comprehensive concept for opening swing doors that consists of the smartdoor TURN drive and the optional CleanSwitch contact-free switch or the Merkur 2 and PrimeMotion B microwave motion detectors. To round out the system, the UniScan active infrared presence detector, finger protection systems and protective profiles for additional safety are also available.



Easy installation

- Auto-learning function during commissioning
- Foldable drilling jig for visualisation
- Easy installation by one person thanks to lightweight design



Complete solution from a single source

- Simple customising options allow individual customer requirements to be met
- Professional support, from consulting to commissioning
- Easy procurement of accessories and spare parts



Low-energy drive smartdoor TURN

- All mounting options in one model: DIN left or right, door leaf mounting or lintel mounting
- Smallest design in the world (400 x 52 x 72 mm)
- Patented preload adjustment for closing torque

Application areas



Medical practices / Outpatient medicine



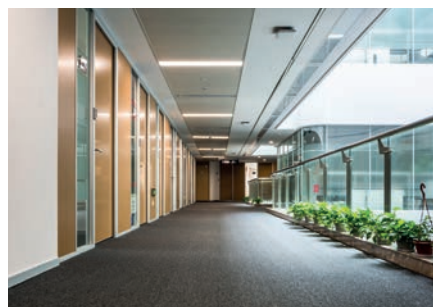
Sanitary facilities



Retirement homes



Clinics / Hospitals



Public buildings / Companies



Residential areas

System overview and components

smartdoor TURN



smartdoor TURN Drive

- Optionally with slide rail or scissor linkage
- Range of operating modes:
Push & Go, Automatic & Permanently Open
- Noise level < 30 dB
- Suitable for doors weighing up to 120 kg (scissor linkage) or 100 kg (sliding linkage)
- Smallest model in the world, with a discreet design
- Low-energy operating mode
- Current-free closing torque in the infeed area
- Situational detection of obstacles



smartdoor TURN Sliding linkage



smartdoor TURN Scissor linkage

CleanSwitch

- Contact-free, hygienic door opening
- Attractive design with visual feedback
- Compatible with commercially available flush-mounted boxes from Feller, Hager, Jung and Gira
- Can be treated with any common cleaning and surface disinfectant
- Activation in response to a deliberate gesture
- Tool-free device setting



Merkur 2 microwave motion detector



- Optimal flow of people
- Suitable for universal use
- Short start-up time
- Energy-saving
- Especially suitable for ceiling and wall mounting
- Equipped with direction recognition
- Cross-traffic optimisation
- Fast programming using the sensor buttons or by remote control

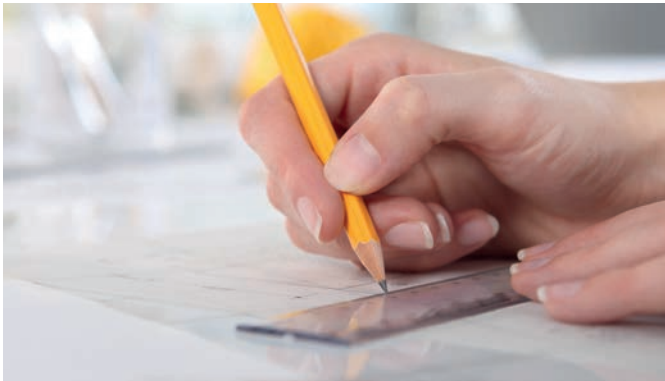
PrimeMotion B microwave detector



- Quick and easy to install thanks to user-friendly operation
- Wide range of possible applications
- Modern and uniform design
- Energy-saving
- Equipped with direction recognition
- Operation via four DIP switches and a potentiometer

Highlights and advantages of the solution

Tailor-made



- The switches and sensors can be combined in multiple ways, allowing for the ideal solution to be found for any situation and individual customer need
- CleanAccess can be applied in a variety of ways – on internal or external doors, with or without a badge system
- Depending on the door weight, sliding linkage or scissor linkage options are available

Modern and safe



- Low-energy is ideal for opening doors for people with disabilities or in general indoor applications
- With connected safety sensors, the smartdoor TURN operates in low-energy mode and moves the swing door at a reduced speed in accordance with the safety requirements of DIN 18650 and EN 16005
- The drive constantly monitors the speed of the swing door and ensures that the maximum kinetic energy of 1.69J is never exceeded

Simple



- The lightweight design of the drive means it can be easily installed by one person
- The auto-learning function of the drive enables fully automated commissioning in just a few minutes
- Connection diagrams for all versions are available online and are also included with each product

Supplementary products

The following products are compatible with CleanAccess and provide additional security for all applications.



UniScan

Active infrared presence detectors

- Protection of all edges on swing doors
- Fully automatic commissioning
- Slim and elegant design allows for use even in confined spaces



RegloBeam 2

Remote control for Merkur 2 microwave motion detector

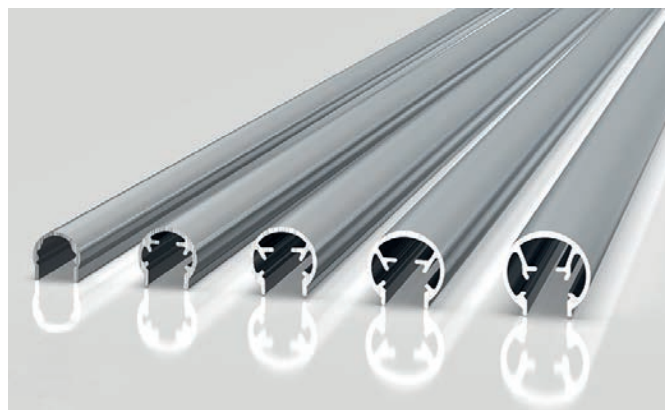
- Complete configuration of all parameters
- One remote control for several Mercury motion detectors



Finger protection system

Solution for opposite the hinge side

- Quick and easy to install
- Adaptation to panic exit devices possible
- Certified according to EN 16005



Protective profiles

Solution for the hinge side

- Suitable for all hinge diameters and doors
- Suitable for outdoor use
- Dismantling for maintenance purposes possible

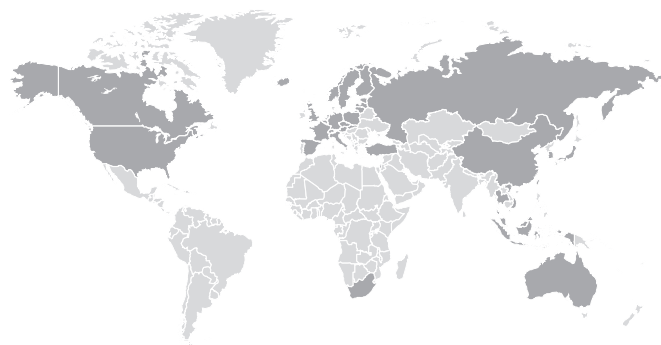
BBC Bircher Smart Access

Your solution provider for intelligent access systems

BBC Bircher Smart Access with its headquarters in Beringen, Switzerland, is one of the world's leading suppliers of sensor solutions for access systems. In the network of our international locations, our team of experts develops, produces and distributes innovative solutions for doors, gates and access points – not only for public and industrial buildings but also for public transport vehicles.

In addition to a wide-ranging product portfolio, BBC Bircher Smart Access also offers its worldwide customers tailor-made sensor solutions for particularly highly demanding applications in terms of safety, hygiene, accessibility and energy efficiency.

The company was founded in 1957 and has been a business segment of the BBC Group since 2003.



An international contact overview can be found on our website at www.bircher.com



Proximity to the customer

- Worldwide support and service
- Comprehensive portfolio
- Individual solutions



Tested quality

- Designed in Switzerland
- User-friendly, reliable and certified products
- Extended guarantee



Experts in access

- Specialised in access solutions
- Hygienic and convenient access
- Sustainability and many years of experience



Uncomplicated business operations

- Short delivery times
- Trustworthy and competent partner
- Everything from a single source

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