Sensorama

- Comprehensive sensor solutions for diverse applications
- Modular product portfolio
- Customised solutions

The company

Detectors for industrial door and gates

Herkules 2E
Microwave motion detector

For industrial doors

Helios 2T
Microwave motion and AIR presence detector

NEW

For industrial doors

BBC Bircher Smart Access is a company of the private Swiss BBC Group

About BBC Bircher Smart Access

BBC Bircher Smart Access develops, produces and distributes intelligent sensor solutions for access systems. With people and vehicle flows growing around the world, ever greater demands are being placed on access points. BBC Bircher's solutions meet the increasing needs for safety, hygiene, accessibility and energy efficiency.

Not only are BBC Bircher's sensor solutions characterised by the company's comprehensive product portfolio and an international manufacturing network, but they also stand out from the crowd thanks to the dedication and teamwork of its approximately 180 employees and their extensive technological expertise.

For more than 60 years, BBC Bircher has been fulfilling the specific needs of its international clients with an extended distribution network spanning Europe, Asia and North America. BBC Bircher Smart Access has been a business unit of the BBC Group since 1991.

Further information can be found on our website: www.bircher.com

	Herkules 2E	Helios 2T
Application		
Example from the field		
Product benefits	• Cross-traffic masking and direction recognition • Person/vehicle distinction • Pulse-on-exit functionality	• Fast installation and easy parameter configuration • Flexible adaptation of the detector fields • Reduction of energy consumption
Supplementary products	ExpertLine CoverLine, ClickLine RFGate LBGate	ExpertLine CoverLine, ClickLine RFGate LBGate
Variants		

Sliding gate   Vertical door   Folding door   Overhead door

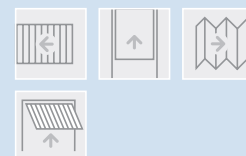| ProLoop2	ProLoop Lite	ProAccess	InTra6	RFGate 3
Loop detector	**Loop detector**	**Vehicle detection sensor**	**Inductive signal transmission system**	**Wireless signal transmission system**
For reliable monitoring and evaluation of induction loops	The compact standard version of ProLoop2	For barriers and gates	For safety edges on sliding gates at site entrances	For evaluating safety edges
• Direction logic function • Protection against power failure • Increased sensitivity	• Increased sensitivity	• Quick and easy to install thanks to above ground mounting • With built-in heater and IP65 protection optimally suitable for outdoor operation	• In accordance with EN 12978 and EN ISO 13849-1 • PLd and e, cat. 2 and 3	• In accordance with EN ISO 13849-1 • PLd, cat. 3 • IP65 • Multi-channel
Pre-assembled loops Herkules 2E Helios 2T	Pre-assembled loops Herkules 2E Helios 2T	ExpertLine S-Line	ExpertLine CoverLine, ClickLine LBGate	ExpertLine CoverLine, ClickLine, S-Line LBGate AirMission (with DW40)
ProLoop2 DIN rail ProLoop2 11-pin	For one loop For two loops		INTRA 50	1-channel, 2-channel Wicket door switch
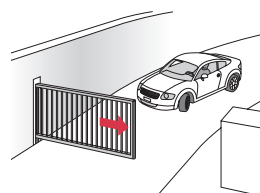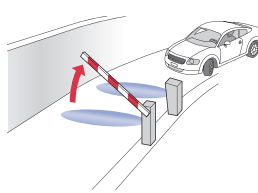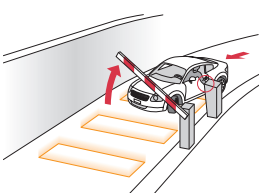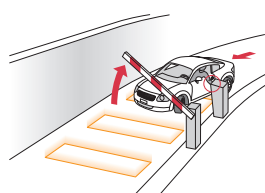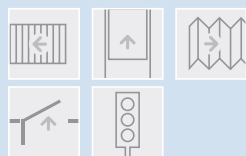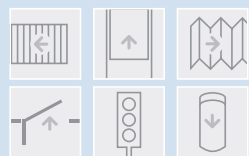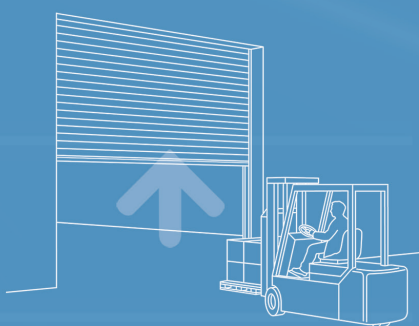
Barrier   Traffic lights   Bollard   Revolving door   Sliding door

Detectors for industrial doors and gates

ExpertLine
Modular pressure-sensitive edge system

NEW

For gate applications

ClickLine / CoverLine
Electrical safety edge system

Seamlessly integrated with click-fit or cover foot mounting

S-Line
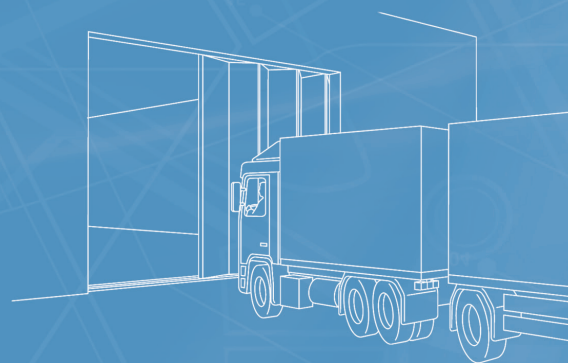Electrical miniature safety edge system

Available with or without sealing lips

LBGate
Thru-beam and reflection light barrier

For the detection of people and vehicles

	ExpertLine	ClickLine / CoverLine	S-Line	LBGate
Application	Sliding gate, Folding door, Vertical door, Revolving door, Overhead door	Sliding gate, Vertical door, Folding door, Revolving door, Overhead door	Vertical door, Revolving door, Barrier, Overhead door	Sliding gate, Vertical door, Revolving door, Barrier
Example from the field				
Product benefits	• High sensitivity and quick response time • Fast assembly and easy installation • Attractive appearance	• In accordance with EN 12978, EN ISO 13856-2	• In accordance with EN ISO 13856-2	• Reliable protection in a range of up to 30 m
Supplementary products	Herkules 2E Helios 2T ProLoop ProAccess	InTra6 Switching devices RFGate	Switching devices RFGate ProAccess	Herkules 2E Helios 2T ExpertLine, CoverLine, ClickLine RFGate
Variants				LBGate R18 LBGate TB18 LBGate R25 LBGate R25.D

⊞ Sliding gate   ↑ Vertical door   Folding door   Overhead door   ⌐ Barrier   ⊕ Revolving door

Detectors for pedestrian doors

PrimeTec	**PrimeScan**	**PrimeMotion**	**CleanSwitch**	**CleanSwitch**
Motion and presence detector	Active infrared presence detector	Microwave motion detector	Contact-free switch	Contact-free switch
For activation and protection of primary closing edges	For protection of secondary closing edges	For activation of sliding doors, swing doors and revolving doors	For hygienic activation of entrances	For integration into switch systems
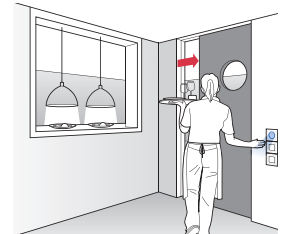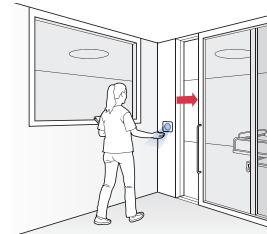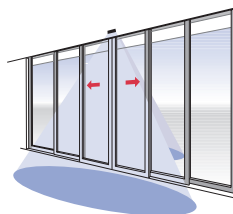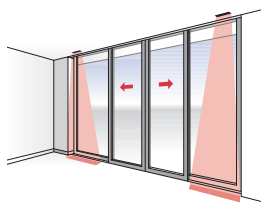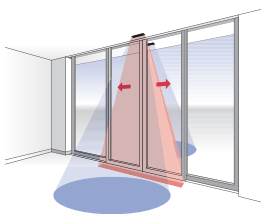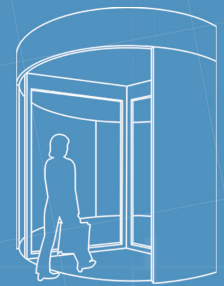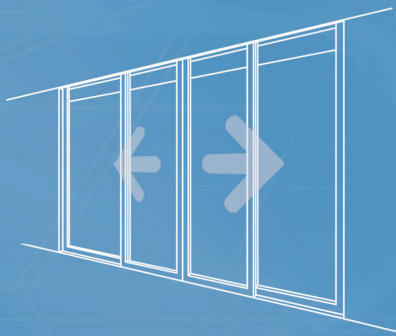
• Activation and
• A: Protection of escape and rescue routes
  B: Protection of secondary closing edges
	• Protection of secondary closing edges	• B: An activation sensor that can be used flexibly
		  C: Simple activation sensor for automatic doors
			• Attractive design with visual feedback
			• Compatible with standard flush-mounted boxes
				• Attractive design with visual feedback
				• Seamless integration into cover frame of the switch system

PrimeScan PrimeMotion ArtMotion 2 Ceiling installation set PTIS IP65 (water-jet proof)	PrimeTec ArtMotion 2	PrimeTec PrimeScan TopScan UniScan	TopScan UniScan	TopScan UniScan
PrimeTec A: EN 16005 and DIN 18650 PrimeTec B: EN 16005	PrimeScan A: EN 16005 and DIN 18650 PrimeScan B: EN 16005	PrimeMotion B PrimeMotion C ArtMotion 2	CleanSwitch CleanSwitch Basic	CleanSwitch integration for: Hager, Feller, Gira, Jung

Sliding door   Swing door

Detectors for pedestrian doors

	Merkur 2 Microwave motion detector	**UniScan / TopScan** Active infrared presence detector	**SpotScan** Active infrared presence detector	**PIR 20 / PIR 30** Passive infrared motion detector
	Universally applicable with especially homogeneous field characteristics	Travelling on the door panel with extremely dense area protection/point protection	With variable applications	For people flow, small and easy to integrate

	Merkur 2	**UniScan / TopScan**	**SpotScan**	**PIR 20 / PIR 30**
Application				
Example from the field				
Product benefits	• Slow motion detection • Cross-traffic masking • Direction recognition	• In acc. DIN 18650/EN 16005 • Easy installation • Safety function irrespective of the background	• Presence detector for protecting various danger points	• Precise and highly varied detection areas
Supplementary products	PrimeTec TopScan, UniScan PrimeMotion ArtMotion 2	Merkur 2 PIR 20, PIR 30 PrimeMotion ArtMotion 2	PrimeMotion PIR 20, PIR 30 TopScan ArtMotion 2	UniScan TopScan
Variants	Merkur 2 ES Merkur 2 ES.C			

Sliding door   Swing door   Revolving door   Sliding gate   Vertical door   Folding door

Other applications

LBDoor
Light barrier

for automatic doors, escalators and industrial doors

DW
Pressure wave switches and safety edges

Available in an extremely wide range of versions

Switching devices
Signal evaluation for industrial doors and gates

For monitoring pressure-sensitive sensors

EsMatix 3
Safety switching device

For protecting hazardous areas on machinery and plant

Safety mats
Pressure-sensitive safety mats

Available in a variety of shapes, sizes and colours

LBDoor	DW	Switching devices	EsMatix 3	Safety mats
• Watertight housing IP67 • Insensitive to extraneous light • Mountable in pairs	• Proven safety for doors and industrial doors	• In accordance with EN ISO 13849-1 • PLd and e, cat. 2 and 3	• Short response time • EDM – external device monitoring • Program/diagnostic display	• In accordance with EN ISO 13856-1 • Any switching function
PrimeMotion ArtMotion 2 Merkur 2 PIR 20, PIR 30	Contact mats	ExpertLine CoverLine, ClickLine S-Line Safety mats RFGate	ExpertLine CoverLine, ClickLine S-Line Schaltmatten	Switching devices
LBDoor TB12.D.N LBDoor TB12.N LBDoor TB12.D.P LBDoor TB12.P	D1 series: DW10, DW10s, DW20s, DW40 D3 series: D3-P, D3-PB AirMission 1	EsGate 2/3 ESD, ESR	EsMatix 3 EsMatix 3.D	ESM-52/54 ESM-57 EMP, ES-Button CareMat

Overhead door   Industry   Public transport

Worldwide near you

Competent partners for our products are located in a large number of countries. Our specialists and authorised partners are very happy to offer personal advice and develop individual solutions with you.

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Is there no local contact for your application? The specialists at our head office will be happy to advice you:

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