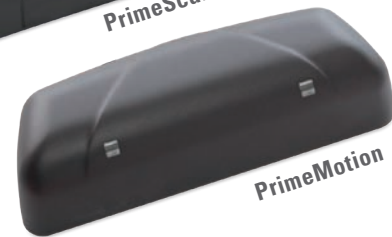




This product meets or exceeds ANSI standard 156.10 as independently tested by TÜV Rheinland of North America



sensing the future



## PrimeFamily



The easiest activation and safety solution for automatic pedestrian sliding doors

**Reliable, flexible, safe**

- Quick installation & easy operation with integrated LCD display
- Wide range of applications
- With monitoring capability
- Sleek & modern design
- Ideal for retrofit applications

# PrimeFamily

## Your complete activation and safety solution for automatic pedestrian doors

### PrimeTec - all in one convenience

PrimeTec is a dual technology combined motion/presence sensor that uses microwave technology to activate the automatic sliding door while the active infrared safety curtain is used to protect people in the closing path of the door.

### PrimeScan - extended safety through sidelite protection

PrimeScan monitors the secondary closing edge/sidelite of automatic sliding pedestrian doors with an active infrared safety curtain.

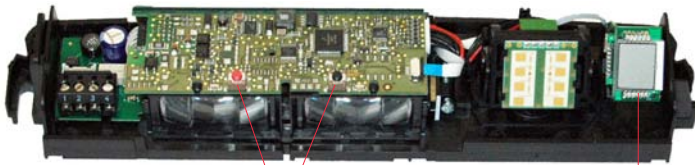
### PrimeMotion - your easy retrofit solution

PrimeMotion is a compact and affordable choice using microwave technology to activate automatic pedestrian doors.



## PrimeTec

- Simple and straightforward operation via programming buttons & LCD display
- Best in class detection of small children
- Uses standard industry 10-pin cable connector for quick installation (6 or 8-wire)
- Easy to retrofit with detachable screw terminals (4-wire connection)
- Clear inclination angle display allows for precise positioning of the safety curtain
- Features slow motion detection for enhanced safety
- Unwanted opening is reduced with direction recognition & cross traffic optimization features
- Operational at mounting heights up to 13' (4 m)
- Monitoring input with self-configuration for easy setup



Two programming buttons

Illuminated LCD display



Retrofit connector



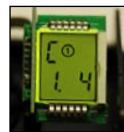
Standard 10-pin connector



Safety curtain adjustment



Microwave pivot adjustment



LCD display



## PrimeScan

- Quick installation
- Easy to program with LCD display
- Clear inclination angle display allows for precise positioning of the safety curtain
- Wide field and flexible field adjustment allows for a large variety of applications
- Operational at mounting heights up to 13' (4 m)
- Sleek design



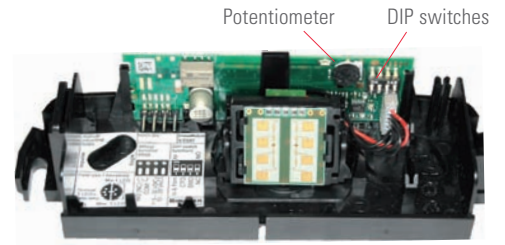
Two programming buttons

Illuminated LCD display



## PrimeMotion

- Quick and easy setup via four DIP switches and a potentiometer
- Reduced unwanted opening with direction recognition & cross traffic optimization features
- Operational at mounting heights up to 13' (4 m)
- Can also be used for swing door activation
- Pre-wired detachable connector can also be used as screw terminal for retrofit installations



Retrofit mounting holes



Screw terminal connector



Potentiometer & DIP switches

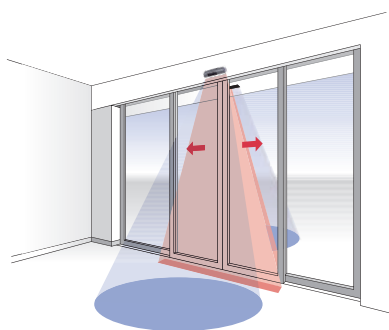


## Safe in every application

### New Installation

PrimeTec on both sides of the door for activation and safety

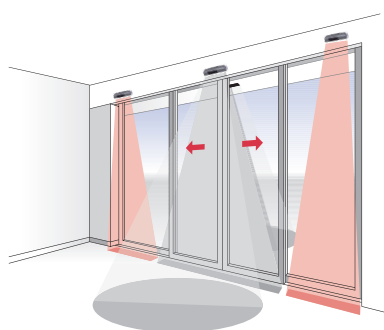
- Proven microwave technology provides consistent and stable activation patterns
- Precise and well - defined active infrared safety pattern that is always on at the door opening where it's needed most



### Sidelite

PrimeScan safety sensor(s) for sidelite protection when field is occupied

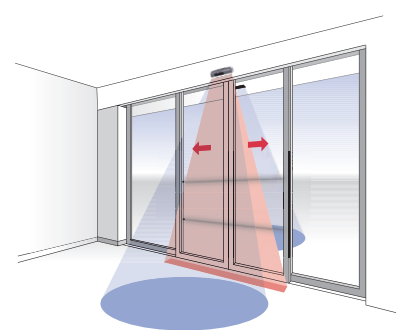
- Spot-on safety curtain achieved through active infrared technology
- Stops, slows, or reverses the door upon detection keeping the sidelite safe when occupied



### Retrofit

PrimeFamily offers easy retrofit solutions for any application

- Utilize PrimeMotion when an existing activation sensor fails to perform
- Utilize PrimeTec as the sensor of choice when replacing or upgrading sensors on any automatic sliding door





## Order details

Part no.	Description	
290308	PrimeTec B ES/01 bk (black)	
295327	PrimeScan B/01 bk (black)	
290305	PrimeMotion B ES/01 bk (black)	

Silver & white available upon request.





## Optional accessories

High-quality accessories make the innovative PrimeTec, PrimeScan and PrimeMotion sensors even more versatile.

266168	PrimeTec rain cover PTCAP	
266169	PrimeTec/PrimeScan ceiling mount PTCM	
265254	PrimeTec/PrimeScan recessed ceiling mount PTIS wt	
289500	PrimeMotion rain cover PMCAP	
266354	PrimeTec circular line adapter PTCA	
266355	PrimeScan circular line adapter PSCA	

## Supplementary products

<b>SpotScan</b>	
Active infrared presence sensor for protection of entry & pinch points	
<b>EasyBeam</b>	
Light beam for safety in the doorway of all types of automatic doors	



### Note

Technical details and recommendations concerning our products are based on experience and are an aid for the orientation of the user. Details stated in our brochures and data sheets do not guarantee special properties of the products. This does not apply to special product properties confirmed by us in writing or individually. Subject to technical alterations.

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## Technical data

Physical data		
<b>Housing material</b>		ABS / PA
<b>Dimensions (L x W x D)</b>	PrimeTec	10" x 2 1/4" x 2" (260 x 60 x 48 mm)
	PrimeScan	8 1/2" x 2 1/4" x 2" (216 x 60 x 48 mm)
	PrimeMotion	6 3/4" x 2 1/4" x 2" (172 x 60 x 48 mm)
<b>Weight</b>	PrimeTec	8.8 oz (250 g)
	PrimeScan	6.3 oz (180 g)
	PrimeMotion	4.2 oz (120 g)

Technical data		
<b>Technology</b>	PrimeTec	Active infrared, double field microwave module (24.125 GHz)
	PrimeScan	Active infrared
	PrimeMotion	Double field microwave module (24.125 GHz)

Microwave (PrimeTec / PrimeMotion)		
<b>Dimensions of wide field (at 7'/2.1 m mounting height)</b>	Maximum:	13' x 6'6" (4.0 x 2.0 m)
	Minimum:	1'6" x 8" (0.5 x 0.25 m)
<b>Dimensions of narrow field (at 7'/2.1 m mounting height)</b>	Maximum:	6'6" x 13' (2.0 x 4.0 m)
	Minimum:	6" x 2'6" (0.2 x 0.8 m)

Infrared (PrimeTec / PrimeScan)		
<b>Dimensions of field (at 7'/2.1 m mounting height)</b>		Maximum: 6'6" x 8'8" (2.0 x 0.2 m)

<b>Dimensions of IR spot (at 7'/2.1 m mounting height)</b>		1 1/4" x 1 1/4" (30 x 30 mm)
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<b>Qty of safety curtain spots</b>		2 rows of 12 spots
<b>PL (Safety curtain)</b>		Cat. 2/ PL d

Electrical data (PrimeTec / PrimeScan)		
<b>Power supply</b>		10 – 28 VAC / 11.5 – 36 VDC

<b>Electrical power supply</b>		PrimeTec ≤ 150 mA PrimeScan ≤ 100 mA
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<b>Making current</b>		≤ 800 mA
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<b>Test input</b>		Automatic detection
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<b>Monitoring response time</b>		< 10 ms
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<b>Safety output</b>		Optocoupler (50 VDC, 50 mA)
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<b>Motion output</b>		Solid state relay 60 VDC / 42.5 VAC, 100 mA
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<b>Connection type</b>		10' (3 m) cable and screw terminals
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Electrical data (PrimeMotion)		
<b>Power supply</b>		10 – 28 VAC / 11.5 – 36 VDC

<b>Electrical power supply</b>		≤ 70 mA
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<b>Making current</b>		≤ 800 mA
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<b>Motion output</b>		Relay 110 VDC / 125 VAC, 1A; 38 VA / 30 W
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<b>Connection type</b>		10' (3 m) cable and screw terminals
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Environmental conditions (PrimeTec/PrimeScan/PrimeMotion)		
<b>Mounting height</b>		max. 13' (4.0 m) / min. 6' (1.8 m)
<b>Operating temperature</b>		–4° to 140° F (–20° to 60° C)
<b>Protection class</b>		Acc. to NEMA 3 (IP54)
<b>Air humidity</b>		≤ 95%, non-condensing

Directives & standards		
<b>Immission</b>		EN 61000-6-1, EN 61000-6-2 IEC 61494-1

<b>Emission</b>		EN 61000-6-3, EN 61000-6-4 IEC 61494-1
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<b>EC type examination certificate in acc. with</b>		BS7036-1 & BS7036-2 EN ISO 13849 EN 12978
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<b>FCC/IC</b>		UXS2 / 6902A-UXS2
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