Panachrome+ Safety Edge

G2540, G2510

RATH ◉ JANUS
by AVIRE

KEY FEATURES

- Colored red/green indicators highlight door movement
- Built-in display and keypad allow for quicker customization and fault-finding during installation
- Display and keypad on controller for easy programming
- Dense infrared 234 beam safety edge
- Suitable for center opening and side opening doors
- 0.4" and 1.7" profiles available
- Compatible with Janus Smart3D Detector
- Typical applications include hospitals, hotels, and airports

DESCRIPTION

The Panachrome+ is the world's most complete elevator door detection system. This premium safety edge has red and green indicators to highlight door movement and is also available with 3D detection, extending passenger protection into the landing zone. This unique system is an effective solution for sites where passenger traffic is high or where additional safety measures are required. This product has been proven to reduce door damage and to limit passenger accidents.

ORDERING INFORMATION

Part No.	Product Description	Profile
G2540 000	Set of 2D TX, RX Detectors and Fixing Kit	1.7"
G2510 000	Set of 2D TX, RX Detectors and Fixing Kit	0.4"
G2510 803	Clamp kit to fit one detector	
G3851 000/J	Panachrome+ Controller	
PANACHC	13ft extension cable	

Panachrome+ Safety Edge
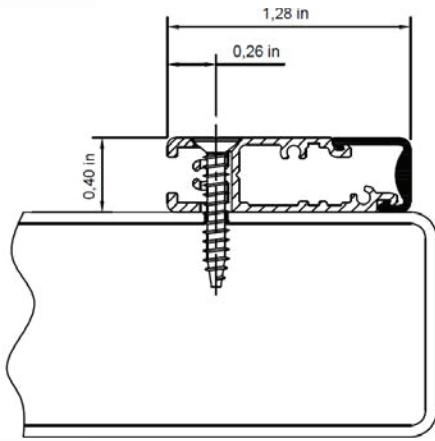
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Fig. 4 0.39" Profile fixed with counter-sunk self-tapping screw
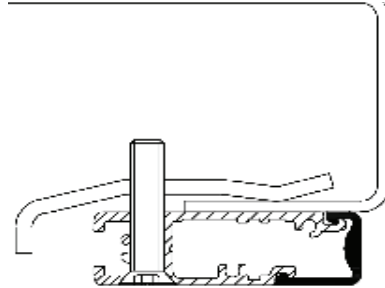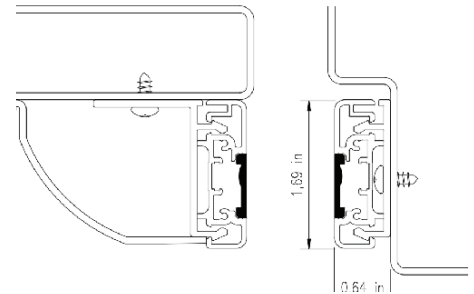
Fig. 5 0.39" Profile mounted using a fixing clamp plate

Fig. 6 1.69" Profile mounted for side opening using 'L' bracket with a finger guard and slampost

TECHNICAL SPECIFICATIONS

Panachrome+ Detectors	G2540 (2D)	G2510 (2D)
Detector dimensions	1.7" x 0.63" x 79"	0.4" x 1.3" x 78.75"
Number of diodes	48	
Number of beams	234	
Ext. cables 015 455 length	13ft	
Detector monitoring height (min)	0.78"	
Detector monitoring height (max)	71"	
Range - 2D	19ft 6.9"	
Maximum voltage in detector	12vdc	
Maximum power consumption	6W	
Operating temperature range	-10°C to +65°C	
EMC Compliance	Emissions to EN 12015:2014; Immunity to EN12016:2013	
Ingress Rating	IP65	
Light Immunity Rating	>100,000lux	
Panachrome+ Controller Specifications		
Controller dimensions	9.4" x 6.75" x 2"	
Voltage requirements	Universal AC supply 85 to 120vac or 15 to 48vdc	
Power consumption	30W maximum with detectors fitted and indicators ON	
Door operator relay	120vac, 24vdc at 5A	
Trigger Duration	350mS typical 2D, 1 second typical 3D	
Timeout	Switched ON/OFF 10-70 seconds adjustable	