

# G2540 / G2510, G3852

2D Elevator Door Detection System



## Reliable 2D detection for safer elevator door operation.

- Red and green indicators provide visible door movement status.
- Infrared technology helps reduce false door triggers.
- 234 infrared beams deliver full door opening detection.
- Compatible with center and side-opening elevator doors.
- Slim profile options fit a variety of elevator door applications.
- Compliant with ASME A17.1 and FCC requirements.



## Specifications (Detector)

	G2540 000	G2510 000 (slim)
Dimensions	1.70" x 0.63" x 79.00"	1.30" x 0.40" x 79.00"
Weight	10.0 lbs	6.0 lbs
Mounting	Door Mount	
# of Diodes	48	
# of Beams	234	
Min. Detector Monitor Height	0.78"	
Max. Detector Monitor Height	71.00"	
Range	234.90"	
Max. Voltage in Detector	12 VDC (From Controller)	
Max. Power Consumption	6 W	
Ingress Rating	>100,000 lux	
Environmental	14 - 149°F	
Wiring Requirements	Connects To Controller Via Included Wiring Harness	
Warranty	2 Years	

# AVIRE

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## Specifications (Controller)

<b>Part Number</b>	G3852 000
<b>Dimensions</b>	9.40" x 6.75" x 2.00"
<b>Mounting</b>	Surface Mount
<b>Environmental</b>	14 - 149°F
<b>Power Consumption</b>	30 W Max. With Detectors Fitted And Indicators On
<b>Voltage Requirements</b>	Universal AC Supply 85 - 120 VAC Or 15 - 48 VDC
<b>Door Operator Relay</b>	120 VAC, 24 VDC At 5 A
<b>Timeout</b>	Switched ON/OFF 10 - 70 Seconds (Adjustable)
<b>Trigger Duration</b>	350 mS Typical
<b>Warranty</b>	2 Years

Emissions to EN12015 2020; Immunity to EN12016 2013; Class A ICES-003 Iss 7

## Accessories & Spares

<b>Part Number</b>	<b>Description</b>
G2510-803	Clamp Kit To Fit 1 Elevator
PANACHC	13ft Extension Cable