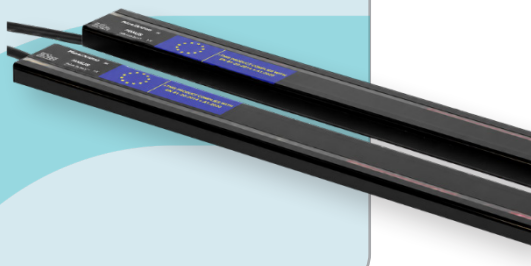
PANACH3D, PANACHPS

3D Elevator Door Detection System

JANUS® by AVIRE

Advanced 3D detection for safer elevator entrances.

- Red and green indicators provide visible door movement status.
- 154 infrared beams deliver full door opening detection.
- 3D detection monitors movement into the elevator landing area.
- Slim profile fits standard elevator door applications.
- Designed for high-traffic elevator environments.
- Compliant with ASME A17.1 and FCC requirements. CSA listed.



Specifications (Detector)

Part Number	PANACH3D		
Dimensions	1.69" x 0.71" x 83.00"		
Range	~Half Door Separation (1.0 - 3.9 ft)		
Mounting	Door Mount		
Wiring Requirements	Connects To Panachrome 3D Controller Via Included Wiring Harness		
Light Immunity Rating	60,000 lux		
# of Diodes	32		
# of Beams	154		
Max Voltage in Detector	18 VDC (From Panachrome 3D Controller)		
Max Power Consumption	1.7 W Each (When Visual Indication Turned On)		
Distance Between Bottom Beam & Bottom of Housing	71.0"	**Distance Between Top Beam & Bottom of Housing**	72.0"
Weight	10 lbs		
Environmental	14 - 149°F		
Ingress Rating	IP55		
Warranty	2 Years		

AVIRE

N56W24720 N Corporate Cir., Sussex, WI 53089
800-451-1460
sales.us@avire-global.com
avire-global.com/en-us

5.19.2026

Specifications (Controller)

Part Number	PANACHPS
Dimensions	9.84" x 8.11" x 2.32"
Weight	3 lbs
Environmental	14 - 149°F
Power Consumption	10 VA Max With Detectors Fitted And Visual Indication On
Voltage Requirements	Universal AC Supply 85 - 120 VAC Or 18 -25 VDC
Door Operator Relay	120 VAC, 24 VDC At 5 A
Timeout	Switched ON/OFF 10 - 70 Seconds (Adjustable)
Trigger Duration	1s (Typical 3D)
Warranty	2 Years

Emissions to EN 12015:2004; Immunity to EN 12016:2004

Accessories & Spares

Part Number	Description
PANACH3D	Set Of Panachrome 3D Light Curtains Standard With Controller And 13ft Extension Cables, 1.7" Profile
PANACHEDG3	Panachrome 3D Edges Only (RX & TX), 1.7" Profile
PANACHPS-UNIV	Panachrome 3D Controller Only
PANACHC	13ft Extension Cable

AVIRE
N56W24720 N Corporate Cir., Sussex, WI 53089
800-451-1460
sales.us@avire-global.com
avire-global.com/en-us