

Amplify Wireless Occupancy Sensor

Extend your security and situational awareness with comprehensive occupancy insights.



Features

INSIGHTS FOR ALL YOUR SPACES

Connect up to three Amplify sensors to your Halo Smart Sensor and receive real-time notifications when thresholds are met.

ALERTS FOR WHAT MATTERS

Get notifications for occupancy, stationary time, and loitering to stay on top of potential safety and security issues.

MANAGE PRIVACY CONCERNS

The Amplify Wireless Occupancy Sensor uses privacy-centric technology to protect all personally identifiable information.

Specifications

Performance

Sensor	Thermal, 34 x 15 pixels
Installation Height	2.43 m - 3.04 m (8' - 10')
Field of View	HFOV 100°, VFOV 79° Install height = 2.44 m (8'), FoV = 5.65 m x 3.51 m (18.5' x 11.5') Install height = 2.74 m (9'), FoV = 6.55 m x 3.81 m (21.5' x 12.5') Install height = 3.05 m (10'), FoV = 6.86 m x 4.11 m (22.5' x 13.5')
Maximum Occupant Detection	Maximum 12 occupants, with 30 cm (12") distance between them Accuracy: 0-9 occupants: ± 1 10-12 occupants: ± 2
Occupancy Zones	Up to 4
Exclusion Zones	Up to 4
Door Zones	1
Status Light	Multi-color to indicate status of device, not user programmable
Alarm Triggers	Loitering time, stationary time, entry, exits, and net entries Occupancy count, loitering time, and stationary time alerts are available per occupancy zone

Dashboard Stream

Resolution	1280 x 720 (16:9)
Framerate	1 fps
Video Compression	H.264
Refresh Rate	1 fps

System Requirements

Halo Smart Sensors	Requires Halo 3C or Halo 3C PC. Up to three Amplify OS can connect to one Halo sensor.
Range	30.5 m (100') line-of-sight.

Network

Network	Wireless, BLE 5.0
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Mechanical

Dimensions	11.37 cm (4.48") diameter, OD, 3.15 cm (1.24") height
Weight	118 g (4.16 oz) 148 g (5.22 oz), with bracket

Electrical

Power Consumption	1.5W max.
Power Source	USB-C cable or 16-22 AWG for 4-pin connector (5-12V DC)

Environmental

Operating Temperature	0 °C to +50 °C (32 °F to 122 °F)
Storage Temperature	-10 °C to +50 °C (14 °F to 122 °F)
Operating Humidity	0 - 70% non-condensing
Storage Humidity	0 - 80% non-condensing
Memory	352KB RAM, 8MB Flash

Certifications

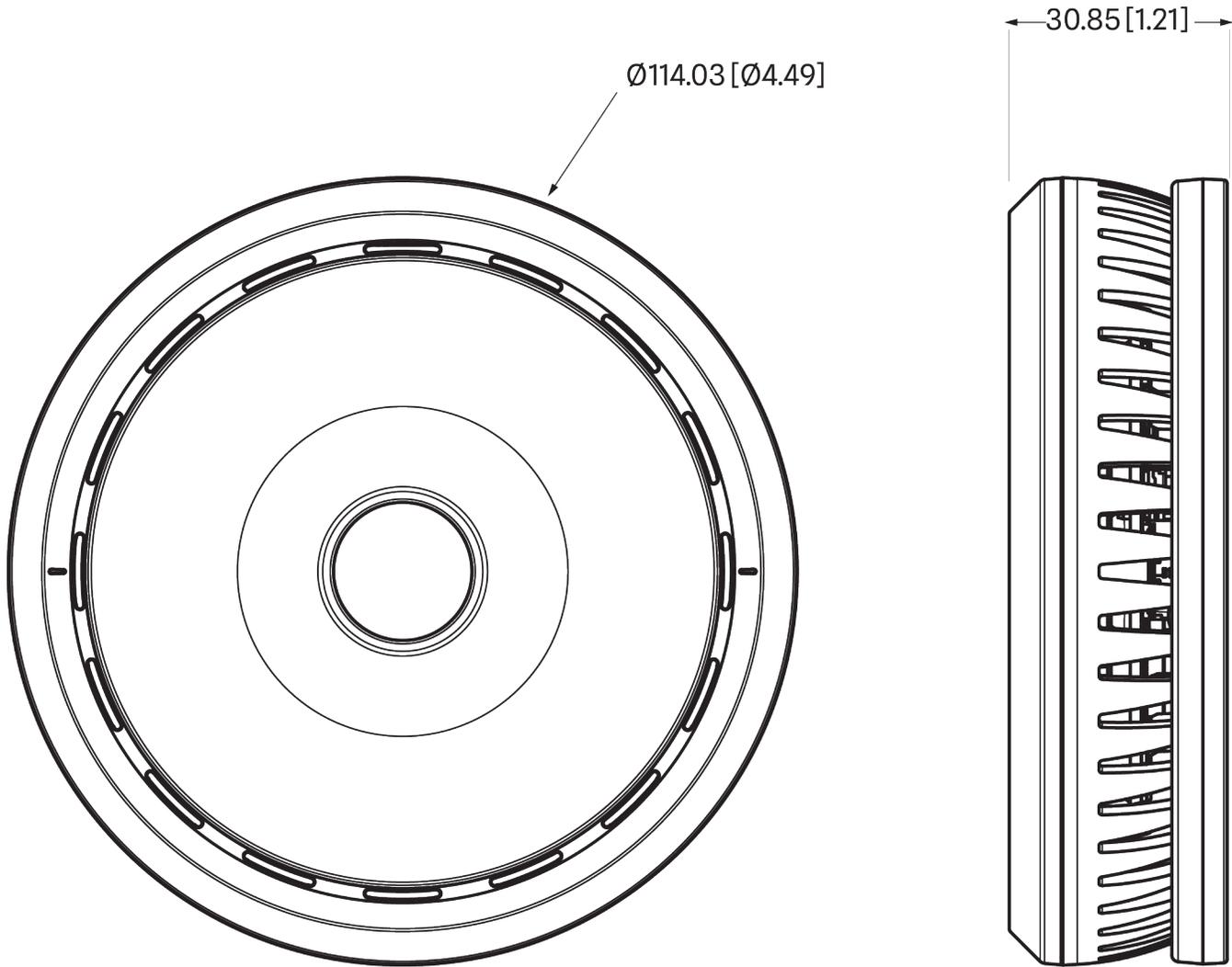
Certifications/Approvals	FCC, IC
Environmental Standards/Ratings	IEC/EN 62262 Impact IK08
Electromagnetic Emissions Standards	FCC Part 15 Subpart B (Class B) ICES-003 (Class B) EN 55032 (Class B) EN 61000-6-3 EN 61000-3-2 EN 61000-3-3
Electromagnetic Immunity Standards	EN 55035 EN 61000-6-1
Radio	FCC Part 15 Subpart C FCC Part 1, Subpart I RSS-247 RSS-102 RSS-Gen EN 300 328 EN 301 489-1 EN 301 489-3 EN 50663 EN 50665 EN 62311 EN 62479 Bluetooth SIG
Warranty	Limited 5-year Warranty

Outline Dimensions

Amplify Occupancy Sensor

(HALO-AMP-OS)

[X.XX]	INCHES
X.X	MM



Ordering Information

Part Number	Description
HALO-AMP-OS	Amplify Occupancy Sensor

Support

Learn more and find additional documentation at pelco.com or email support@pelco.com for specific product support.