

Hex Wireless Wide Lens. WiFi

Part of the **Hex Wireless** range of AI workplace sensors designed to monitor occupancy and utilisation in the modern workspace.

Features

- Real-time room occupancy detection and counting.
- Configurable detection periods and frequencies.
- Battery powered, no need to run cables.
- Object detection, person counting, and segmentation.
- Low Power Consumption.
- 360° swivel and 180° tilt for flexible positioning.
- Uses common Wifi infrastructure.
- Wide angle lens.

Camera

Lens Type	Fisheye
Resolution	3 megapixels
Sensor size	5.08mm
Pixel size	1.4µm x 1.4µm
Focus range	10–20cm–∞
Focal ratio (F-stop)	F/2.4
Focal length	4.8mm
Field of view	120°
Image Quality	(OV3660): 2048x1536 1080p 720p XGA(1024x768) VGA(640x480) QVGA(320x240)
Capture frequency	Fully configurable from secs to weeks
Output	8-/10-Bit RAW, RGB, and YCbCr with JPEG compression.
PSRAM	8MB
Flash	4MB

Power

Power supply	Battery 1 x 3.7V AA Lithium-Ion (3 cells)
Battery Dimensions	W 55mm x L 68mm x D 19mm
Battery Life	Extended battery life. Rechargeable



Physical Characteristics

Device Dimension (case + mount)	W146 mm x L130 mm x D95 mm
Weight	477g
Operating Temperature	0°C to +40°C
Storage Temperature	0°C to +50°C
Usage Environment	Indoor use only
Casing material	UL94-V0 ABS
Case COMPLIANCE	RoHS compliant
Case material recyclable	100% recyclable
Magnetic Base Diameter	66 mm
Magnetic Base Pull force	44 Pounds of vertical magnetic pull force (20kg)
Ball Head Rotation	360-degree rotation
Installation	Indoor use. Ceiling or wall mounting

Firmware

Data Backup	Yes
VI, V2	Extended battery life.
	Enhanced set up mode.
	Hex's can be reloaded with latest firmware.

Approvals

Regulatory	CE, GDPR
Environmental	RoHS

Do you need further information or have a question? Please visit hex.industel.co.uk

Disclaimer: The information contained herein is believed to be reliable. Industrial Environment is not responsible for any incorrect or incomplete information on this data sheet and the information or product may be changed without notice.

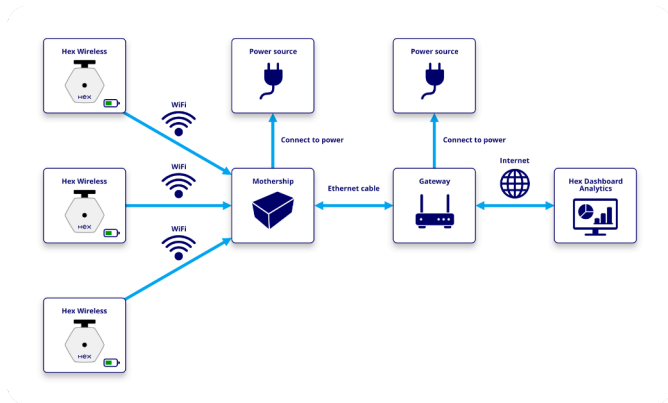
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Installation Diagram



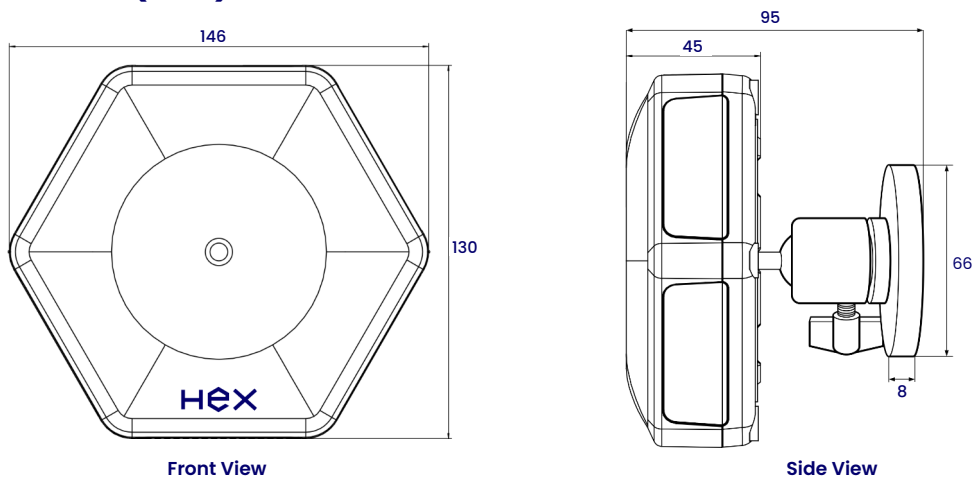
Wide Field of View (FoV): 120°



Installation Height and Detection Range

Installation Height (m)	Monitored Area (m²)	Detection Area (m²)
2.5	23.38	15.2
2.6	25.28	16.43
2.7	27.28	17.73
2.8	29.38	19.1
2.9	31.57	20.52
3.0	33.86	22.01
3.1	36.25	23.56
3.2	38.74	25.18
3.3	41.32	26.86
3.4	44.01	28.61
3.5	46.79	30.41

Product Dimensions (mm)



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