

Hex Count Wide Lens. PoE

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

Features

- Bio-directional people counting with up to 4 drawable lines.
- 95% accuracy.
- Track queue formation in high traffic areas.
- Track how long people occupy a space.
- 360° swivel and 180° tilt for flexible positioning.
- Ethernet transmission.

Camera

Lens Type	Wide
Resolution	12 megapixels
Sensor size	7.4mm
Pixel size	1.4µm x 1.4µm
Focus range	5cm-∞
Focal ratio (F-stop)	F/2.2
Focal length	2.75mm
Field of view	120° (diagonal), 67° (width), 102° (vertical)
Frame Rate(s)	Maximum image transmission rate: 4608x2592 (16:9): ~14 fps (Standard), ~15 fps (HDR) 2304x1296 (16:9): ~56 fps (Standard), ~30 fps (HDR) 1536x864 (16:9): ~120 fps 1080p (1920x1080): 50 fps 720p (1280x720): 100 fps 480p (640x480): 120 fps
Output	RAW10

Power

Power over Ethernet (PoE)	Yes. IEEE802.3at
POE Mode	Mode A/B
Voltage	
Power Consumption	8W
Cabling	Cat5e/Cat6, 100Mbps



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

Interface	Http; Https
Data Delivery	TCP/IP
Data Backup	Yes
V1, V2	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.

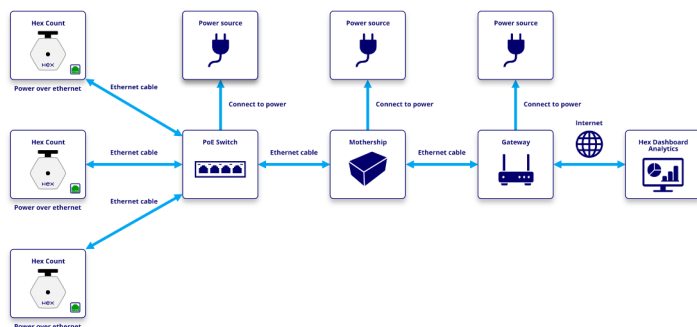
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Installation Diagram



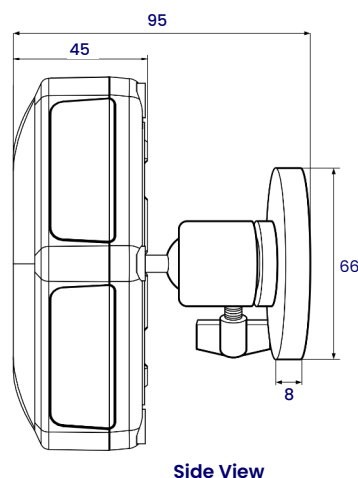
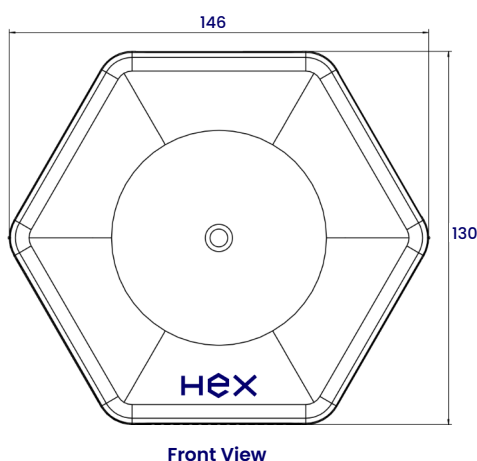
Wide Field of View (FoV): 120°



Installation Height and Detection Range

Installation Height (m)	Monitored Area (m²)	Detection Area (m²)
2.5	5.82	4.66
2.6	6.3	5.04
2.7	6.79	5.43
2.8	7.31	5.85
2.9	7.84	6.27
3.0	8.39	6.71
3.1	8.96	7.16
3.2	9.54	7.64
3.3	10.15	8.12
3.4	10.78	8.62
3.5	11.42	9.14

Product Dimensions (mm)



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