

Unity H6A Fisheye

180° model & wedge mount

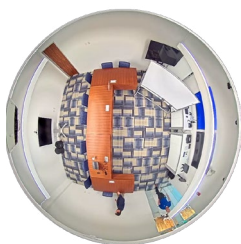


Once camera, complete security coverage

As a security practitioner, IT manager, or technology reseller and integrator, you recognize the challenges of maintaining comprehensive security coverage. You require solutions that are not only effective, but also adaptable to various environments. The **Avigilon Unity H6A Fisheye camera**, especially the 180° field of view (FOV) model with the wedge mount, provides an intelligent approach to optimizing your security strategy.

Benefit

Traditional 360° fisheye cameras, when wall-mounted, often capture excessive footage of ceilings and floors, diluting your focus on critical areas. The 180° H6A Fisheye, combined with the wedge mount, addresses this issue. It's designed specifically for wall installations, maximizing pixel density where it matters most: your areas of interest. This helps security teams, IT managers, and anyone responsible for safety to concentrate on what matters most.



Ceiling mounted



Wall mounted 180°

Key features

- **Optimized for wall mounting:** The 180° FOV, when paired with the 30° tilt wedge mount, is designed to deliver the best possible image quality for wall-mounted applications. This helps to avoid unnecessary coverage of less critical areas.
- **Enhanced visibility:** Capture clear, detailed imagery with your choice of 8 MP or 12 MP resolution.
 - 12 MP is capable of 180° view through firmware
 - Field of view: Horizontal: 188°, Vertical: 104°
 - The 8 MP 180° H6A fisheye camera maximizes the utility of the rectangular sensor, increasing the visibility of pixels in key areas.
- **Intelligent analytics:** Benefit from built-in video and audio analytics, which provide context-sensitive alerts and improve situational awareness. This can help your team respond more effectively to potential incidents.
- **Vehicle subclass events and alerts:** Stay informed about vehicle-related activity with intelligent event and alert capabilities.



How the H6A Fisheye can benefit organizations

Let's explore some specific scenarios where the 180° H6A Fisheye excels:



Education

Hallway coverage: Helps staff quickly respond to incidents and promotes a more secure learning environment.

Classroom access: Helps staff manage student movement and address potential concerns.

Emergency situation: Assessment improves response times and helps keep everyone safe.



Manufacturing

Loading dock oversight: Helps manage shipments efficiently, improve safety, and prevent theft.

Production line support: Helps identify bottlenecks, optimize workflows, and ensure employee safety.

Safety compliance coverage: Helps maintain compliance and create a safer environment.



Retail

Checkout lane support: Helps deter theft, ensures accurate transactions, and provides insights into customer service.

Aisle viewing: Helps understand customer behavior, optimize product placement, and address safety concerns.

Store entrance visibility: Helps prevent unauthorized access, deter theft, and improve overall safety.



Healthcare

Waiting room observation: Helps ensure a calm and comfortable environment for patients and staff.

Corridor support: Helps staff navigate efficiently and supports regulatory compliance.

Lobby area coverage: Helps protect staff and patients while ensuring smooth transactions.



Parking lots & transportation

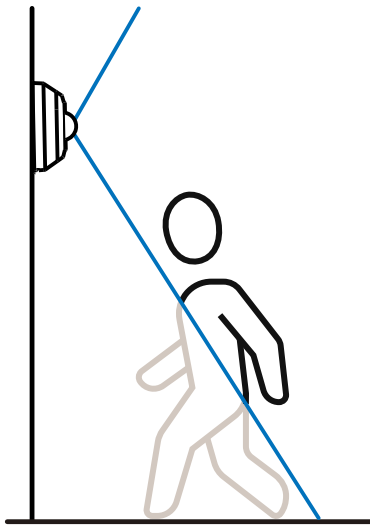
Building perimeter observation: Helps deter unauthorized access and create a safer environment.

Pathway observation: Helps deter unwanted activity and ensures the well-being of those using them.

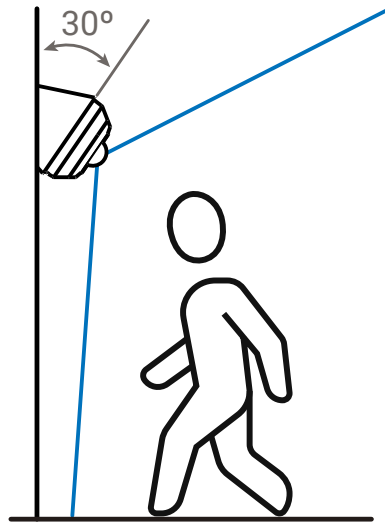
Vehicle movement tracking:
Helps improve safety, optimize parking, and manage traffic flow.



The **Avigilon Unity H6A Fisheye camera**, with its 180° lens and wedge mount, offers a practical and efficient solution for various security needs. It's designed to help teams see more, understand more, and ultimately, do more to protect people and property.



Wall mounted without
wedge mount



Wall mounted with
wedge mount

Resources

Looking for more info on the Avigilon Unity H6A Fisheye? Check out some of our resources below:

- [Fact sheet](#)
- [Datasheet](#)
- [H6A Fisheye guidelines](#)

To learn more, visit avigilon.com/h6a-fisheye



AVIGILON[™]

Motorola Solutions, Inc. 500 West Monroe Street, Chicago, IL 60661 U.S.A. motorolasolutions.com

© 2025, Avigilon Corporation. All rights reserved. MOTOROLA, MOTO, MOTOROLA SOLUTIONS, and the Stylized M Logo are trademarks or registered trademarks of Motorola Trademark Holdings, LLC and are used under license. All other trademarks are the property of their respective owners. 03-2025 [JS05]