

# Early Wildfire Detection System



## Early Detection of Wildfires

Offering a cost-effective and cutting-edge Early Wildfire Detection System, Nuvis Technologies brings artificial intelligence together with computer vision solutions that help prevent the devastating damage and loss associated with ever increasing global wildfire risks. Our industry-leading wildfire detection technology uses modern cameras equipped with processors to provide an effective early warning system against wild and forest fires.

Detecting smoke from impressive long ranges, our cameras replace remote monitoring personnel, thereby reducing costs and risks. Our wildfire detection system alerts authorities on the presence of smoke and displays the location on a comprehensive GIS-enabled mapping interface, allowing emergency management to make informed decisions on how to deploy their firefighting resources.

Affordable for even small communities, our Wildfire detection system should be an essential part of every disaster preparedness plan and fire prevention strategy.

Minimize  
Damage

Reduce  
Costs



NUVIS  
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### System Features:

- Early automated wildfire detection with a smoke detection accuracy of 250 m
- Extended camera viewing range up to 35 km with a visibility of about 18 km
- Only one dispatcher for 35 cameras
- Surveillance area scan every 10 minutes
- Unique fire location calculation algorithm
- Automated alerts to the system operator
- User-friendly operator interface with an overlay of an interactive map on the camera view
- Fire location with coordinates, and azimuth
- Maintaining a fire ticket, where tasks are managed and monitored
- Control over fire-fighting resources & equipment
- Advanced Reporting and Analytics

**Our unique cross-platform video surveillance and remote monitoring system supports an unlimited number of cameras simultaneously.**

## About Us

Nuvis Technologies provides leading edge solutions based on Computer Vision, Artificial Intelligence/Machine Learning, Block Chain and IOT.

Our total solution for wildfire detection and monitoring is presented in partnership with industry leaders Amlicam and Axis Communications.



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