

# Wildfire PTZ Camera



## HIGH-DEFINITION PTZ CAMERAS

With a full 360° pan, 90° tilt, and 31x optical zoom, AEM's 1080p HD PTZ cameras deliver accurate, reliable imaging of high-risk wildfire locations.



## Intelligent camera technology for a more complete picture of wildfire risk

Wildfires are growing more frequent, more destructive, and harder to predict. The pressure to detect danger early and respond with confidence has never been higher. Early, accurate visibility into high-risk areas is no longer optional. It's essential.

AEM's Wildfire PTZ camera and AEM Elements 360 give fire, utility, and emergency teams a clear, real-time view of high-risk wildfire locations, so they can identify ignitions sooner and act before conditions escalate.



AEM Elements® 360



HDPTZ camera



SmartGT

## BENEFITS



Elevate visibility of current environment and conditions to better inform immediate and near-term decision making.



Access live camera feeds and images sorted by view to quickly assess conditions and coordinate response.



Pinpoint where attention is needed before a wildfire ignites, using lightning and weather information with live camera images.

# Always-on wildfire monitoring, without the manual effort

SmartGT automated guard tours keep watch across high-risk locations around the clock, capturing real-time images so your team can focus on response, not surveillance.

## MAP VIEWSHED

Generate a 3D map of your PTZ camera's viewshed to understand exactly what each camera can see.



## AUTOMATE ALERTS

Customize automated alerts for lightning strikes within your viewshed.



## ALERT KEY PERSONNEL

Notify key personnel via email when a lightning strike occurs within the viewshed.



## CAPTURE REAL-TIME IMAGES

Add lightning location to guard tour to view the latest images within seconds and easily watch for wildfire ignitions.



## SEPARATE IMAGES BY AZIMUTH

Collect and display images together by azimuth for easier interpretation by the human eye.



## Your wildfire monitoring hub

- Command and control PTZ camera images and video from anywhere
- Overlay weather data, such as temperature, wind, and more, for full context
- Integrate lightning, satellite, and weather data alongside your camera feeds in a single application
- Save images and time-lapses for incident documentation and historical reference
- Share live camera views publicly via FTS360 Overwatch



To find out more about all of our technologies, visit [aem.eco](http://aem.eco) or contact us at [info@aem.eco](mailto:info@aem.eco)