Wildfire PTZ Camera

HIGH-DEFINITION PTZ CAMERAS

With a full 360° pan 90° tilt and 40x optical zoom, our PTZ cameras provide accurate, reliable data and technology to capture the total environmental conditions for 25 miles.

Intelligent camera technology for a more complete picture of wildfire risk

The climate is changing and with it the wildfire paradigm is shifting. As the number of wildfires increases around the globe, national governments, utilities, and local communities are being impacted in different ways than they were only a few years ago. As a result, innovative monitoring technologies are required in high-risk areas so agencies can make effective decisions that save lives and property.

AEM's Wildfire PTZ camera and FTS360 software combine actionable insights with intelligent camera technology to improve situational awareness and enhance visibility of high-risk wildfire locations, for the earliest detection and quickest response.

FTS360 platform

HD PTZ camera

SmartGT

BENEFITS

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

- Easily consume imagery of high-risk wildfire locations to heighten situational awareness and improve response

- Use actionable insights to know where to focus attention before a wildfire starts

SmartGT for FTS360

Intelligent camera guard tour technology to efficiently identify and watch high-risk wildfire locations in real time.

MAP VIEWSHED

Create a three-dimensional map of a PTZ camera viewshed using a 25 mile radius.

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.
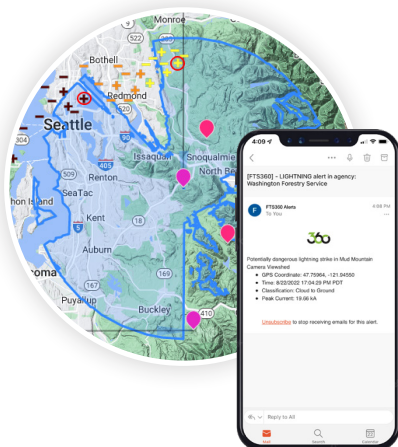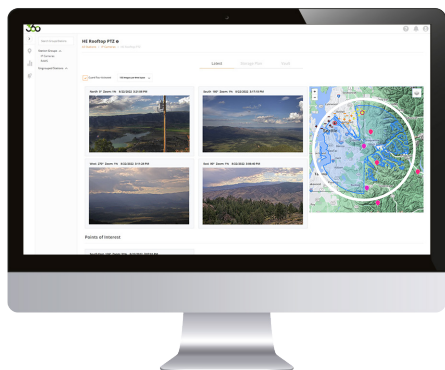
CAPTURE REAL-TIME IMAGES

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.

Complete situational awareness

- Command and control PTZ camera images and video from anywhere

- Overlay weather data, such as temperature, wind, and more, for deeper insights

- Save images and time-lapses to your vault for 1 year for historical record

- Provide public access to camera images with FTS360 Overwatch upgrade

- Optional value-add layers include Lightning and Air Quality Index

To find out more about all of our technologies, visit **aem.eco** or contact us at **info@aem.eco**

* Optional Lightning layer required to configure lightning alerts

info@aem.eco   aem.eco