

Real-Time Fire Warning Avoids Accidents

smoke 0.85

The construction industry deals with a variety of hazards, and fire hazard on construction sites is the most common one. Construction projects are taking place in densely populated metropolitan cities and the completion date is often on tight schedule, any accident leads to a delay of schedule and even affects profitability.

To detect fire in construction site on the spot, Aetina collaborates with the partner to provide a fire detection solution, including high-definition cameras, and Aetina's DeviceEdge AN810-XNX powered by NVIDIA Jetson Xavier™ NX Module. The AN810-XNX is designed in a compact platform, supporting 5G network, and delivering up to 21 TOPS.

Benefits

- High computing capability for processing images from multiple interface cameras
- M.2 B-Key 3050 supporting 5G
- Perfect for space-constrained challenging environments

Results

- Accurately detecting at early-stage fire daytime and night-time
- Completes construction projects on time

