



The solution effectively monitors thermal pipeline displacement and meter readings in real-time, achieving precision within 5mm. It's designed to fit the specific space, environment, and safety needs of the site, ensuring the monitoring device's stability.

-Qingpu Chang, VP of R&D



Senscape's Thermal Pipeline Monitoring Solution

Ensuring the Safety of Operations and On-site Personnel in Thermal Power Plants.



Senscape's thermal pipeline monitoring solution leverages stereo vision, Deep Learning, and edge computing to provide intelligent, zero-contact monitoring of high-temperature and high-pressure thermal power plant pipelines.

This precision system identifies risks by monitoring displacement and temperature in extreme operating conditions, thus ensuring the safety of operations and personnel and minimizing risk.

Key Features



Precisely Monitors 3D Displacement



Provides Real-time AI Inference



Allows Greater Sensor Integration



Intel Products and Technologies

[Intel® Distribution of OpenVINO™ Toolkit](#)

[Intel® Movidius™ VPU](#)

Verticals

Utilities and Power Management

Use Cases:

- Thermal Pipeline Monitoring
- Safety Production Monitoring

Learn more:

[The Senscape Website](#)

Country/Geo:

Asia (China)