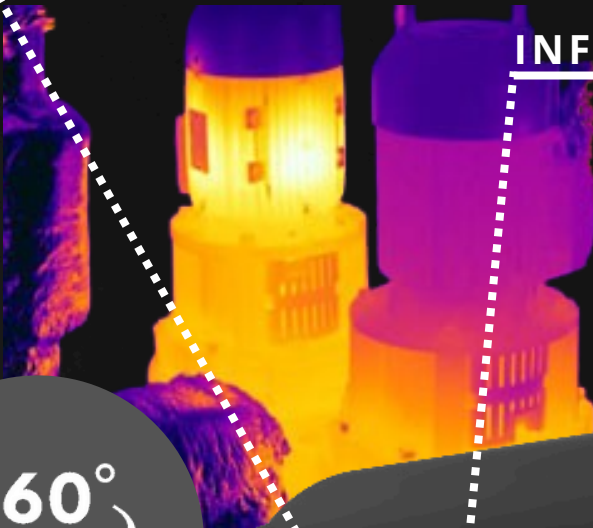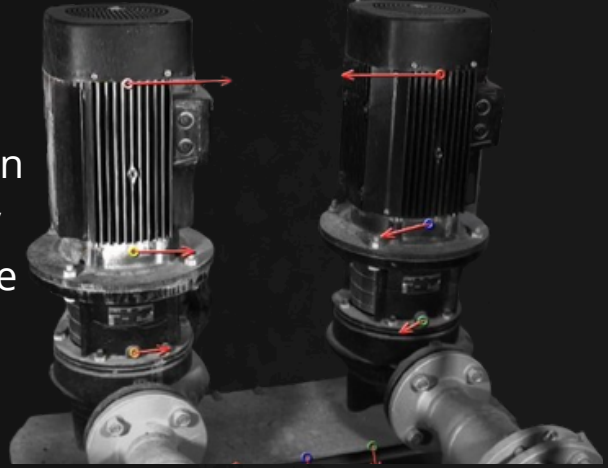# uptimEyes : Computer Vision for Maintenance

HIGH SPEED CAMERA

Allow motion magnification vibration for predictive maintenance. Identify small vibrations before they become larger problems

INFRARED THERMAL CAMERA

Industrial Process Monitoring & Control (welding, Cutting, etc.); Gas Detection; Spectroscopy; Fire Detection; Leakage Detection

360° rotative

FOR **MAINTENERS**

UPTIMEYES BY MONIXO

Production line monitoring

Installed on a ceiling, UptimEyes captures videos (high speed & thermal) of equipment on the production line. Embedded computer vision algorithms analyze these visuals to identify signs of wear and tear, damage, or anomalies that might indicate impending failure.

Robot for maintenance rounds

The robot is used as a platform for our UptimEyes. It can be programmed to autonomously navigate facilities. This allows for frequent, consistent data collection on the condition of equipment, which is crucial for predictive maintenance and early detection of failures.

UptimEyes Cloud : Transform any pixel in a vibration sensor

You have already deployed some camera (CCTV) to monitor your process ? Great ! What about connecting them to a cloud architecture which can identify early failures on your machine and provide you relevant insights to boost your productivity.

Edge Device   Cloud Side

Camera sensor   Deep Learning   Metadata

- Integrations
- Notifications
- Analytics

UptimEyes Cloud is based on Nvidia RTX 4000

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