

IM300 INDUSTRIAL IoT MODULE

Features:

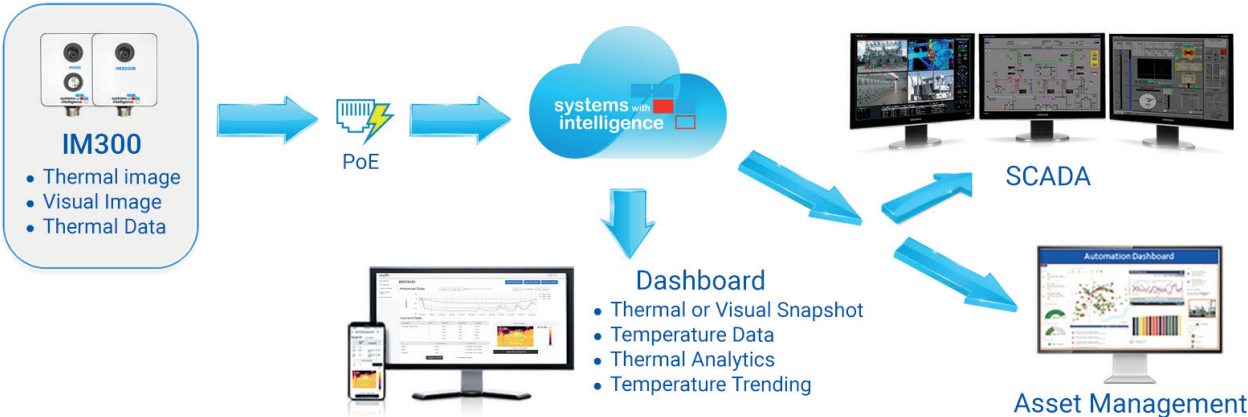
- Compact housing to fit tight spaces
- Thermal or visual imaging
- Low power, PoE design
- Secure connection to IoT Cloud
- Optional connection to SCADA and asset management applications

Key Benefits:

- High reliability in extreme environments, low maintenance costs
- Simple to install and maintain
- Early detection of thermal anomalies
- Gauge reading, leak and level detection
- Real-time operator alerts

The IM300 Industrial IoT Module monitors and collects asset health data from remote sites. Thermal monitoring mitigates the risks of failure from overheating assets and connection points. Analytics detect anomalies and provide automated warnings. The visual camera provides data for inspections, including fluid levels, leaks, gauge reading, switch status, and more. Signals are transmitted securely from the IM300 to a dashboard on a phone, laptop, or other platform. Remote updates ensure the firmware is current.

INDUSTRIAL IOT ARCHITECTURE



DASHBOARD

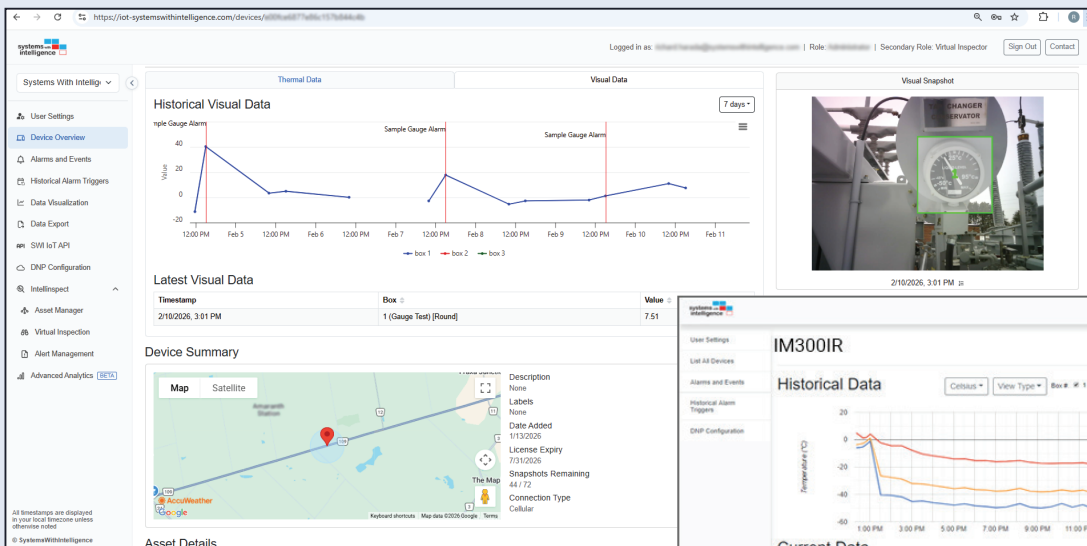
- Monitor the site and control remote sensor module
- Thermal trending of monitored assets
- Thermal and visual snapshots
- Configure thermal analytics and alarms

POWER AND COMMUNICATION

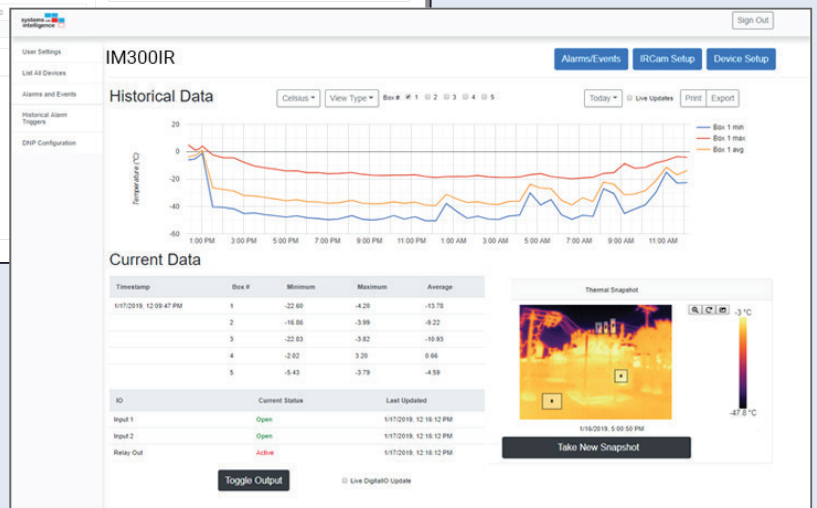
- Power over Ethernet
- Wired Ethernet communications
- Secure encrypted connection to the SWI cloud

UTILITY GRADE

- Designed for the harsh conditions found in electric power environments
- Immune to the effects of EMI, ESD and voltage surges and interrupts



IM300 Dashboard gauge digital reading example



IM300IR Dashboard