IOL-GAT Series

Distributed online oil monitoring system solution



The IOL-GAT distributed online oil monitoring system solution consists of a data acquisition unit (hereinafter referred to as the "acquisition terminal") and a data transmission module (including NAS-rated sensors for vibration, pressure, flow, wear, viscosity, moisture, dielectric constant, temperature, density, and cleanliness) for local data display and remote cloud platform display. The system can utilize 485/CAN/fiber optic cables or 4G/WiFi/5G wireless transmission modes to transmit unit operating data from the field data acquisition module to the data storage server. It enables data acquisition, data analysis, and diagnostics, and performs preliminary data analysis and diagnosis.

Product Features

Portable and compact design • Configure indicators as needed • Multi-point network deployment

Multi-point network deployment



Multi-point deployment and rapid monitoring

Based on the on-site conditions, multi-point, multi-dimensional deployment is implemented.

Fast, convenient, and lag-free; intuitive data presentation.



Widely used in various industrial sites

Intelligent data analysis

The data collected at the front end is sent to the local server in the central control room via the communication network for processing and storage, and preliminary data analysis and diagnosis are performed.



Predictive maintenance of coal mine equipment

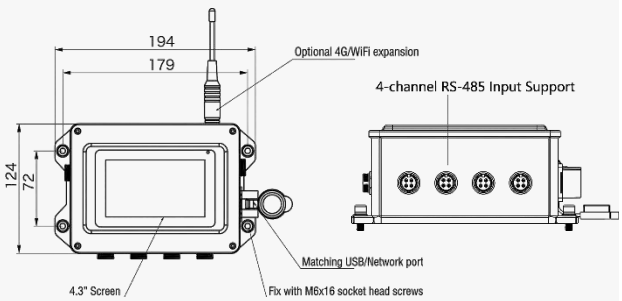


Oil Cloud Intelligent Remote Monitoring & Maintenance Diagnostic Center

Oil Cloud

www.youyeyun.com

Product Dimensions



FLUID ANALYSIS CONSULTING & TRADING CO.

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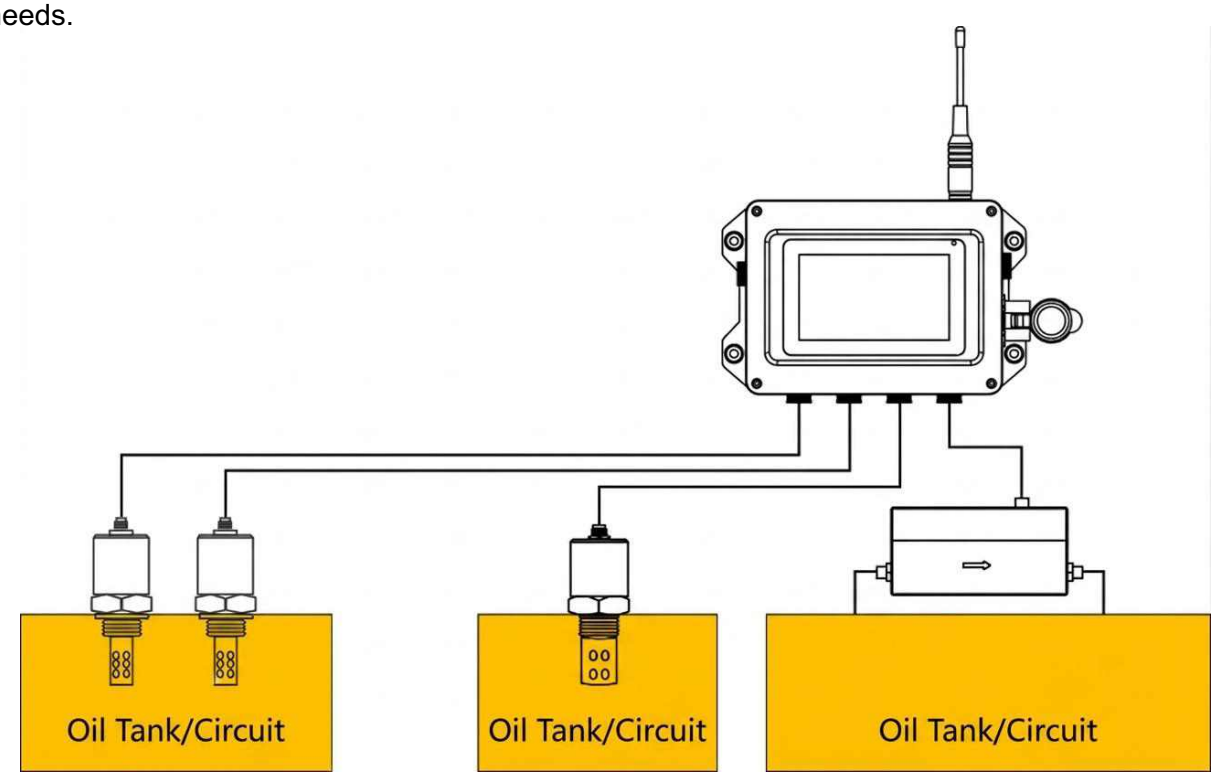
Specifications

Technical Indicators	
Screen	4.3 inch (480x272)
Material	Alloy material
Protection level	IP65
Power supply	AC220V/DC24V
Input ports	1-4 channels (optional)
Wired output ports	Network port (optional USB port for updating programs)
Wireless output ports	4G/WIFI (optional)

Adaptor Sensor
The data acquisition device can collect data from sensors on oil moisture content, viscosity, wear, contamination level, conductivity, temperature, pressure, and flow rate.

Installation diagram

Multi-point deployment and network monitoring can be rationally configured according to different needs.



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Industry Applications

Industry: Used for data acquisition and transmission or integrated analysis of multiple signals from oil monitoring sensors.

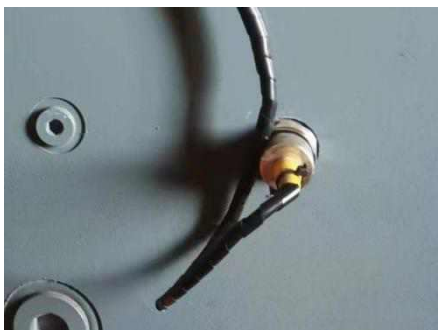
Oils: Hydraulic oil/gear oil/air compressor oil/gas engine oil/water-glycol fire-resistant hydraulic oil, etc.













The above product parameters were obtained from company laboratory testing. Due to differences in actual application conditions, these parameters should not be used as the final acceptance criteria.

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