

# Intelligent Engineering Logging System

This intelligent engineering logging system is designed for digital integrated logging in hydrology, coal fields, and various mineral explorations. It supports external laptop or desktop PC connections for indoor use.



## Overview

### Intelligent Engineering Logging System

The Intelligent Engineering Logging System is a sophisticated instrument designed for precise and reliable subsurface data acquisition in various engineering applications. It features robust digital controls for real-time monitoring of speed and depth, making it ideal for geotechnical investigations, environmental monitoring, and resource exploration. The system ensures high-quality data collection with adjustable sampling intervals and multi-parameter analysis capabilities.

## Technical Specifications

### Key Performance Metrics

**24 hr**

Max Continuous Working Time

**200 W**

Max Power Consumption

**30 m/min**

Max Logging Speed

A/D Conversion	12bit
Magnification Range	K=0.5~128
Counting Channel Frequency	500 KHz
Signal Transmission Rate	9600 bit/s

## Physical Characteristics

Dimensions	420×260×210mm
Weight	7 Kg
Operating Temperature	-10°C to +50°C

## Software & Acquisition

### Acquisition Capabilities

- Depth automatic alignment of multi-parameters
- Superposition of multi-parameters up to 10
- Curve movement and anomaly removal
- Data smoothing and segmentation

Compatible Operating Systems	Windows 98, Windows 2000, Windows XP
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## Power Requirements

Working Power Supply	AC220V±10% 50Hz ±5%
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