

Digital Input Data Logger – Modbus

The **Digital Input Data Logger – Modbus** is an industrial-grade monitoring and logging device designed to record digital input status over time. It captures both time-based and event-based changes from field signals and makes the logged data accessible via Modbus RTU communication for analysis, diagnostics, and compliance reporting.

Key Features

- **8 Digital Inputs:** Supports monitoring of up to eight independent digital signals from switches, sensors, relays, or contact closures.
- **Time-Based & Event Logging:** Records input status at defined time intervals as well as on every state change, ensuring no critical event is missed.
- **Modbus RTU Communication:** Standard RS-485 Modbus RTU interface enables easy integration with PLCs, SCADA systems, and industrial gateways.
- **Industrial Data Storage:** Built-in non-volatile memory ensures reliable long-term data retention even during power interruptions.

Typical Applications

This data logger is ideal for machine runtime tracking, alarm and fault logging, energy usage monitoring, access and safety systems, and industrial audit trails where accurate digital event history is required.