

INTEGRATED CIRCUITS
ELECTROINC INDUSTRIES

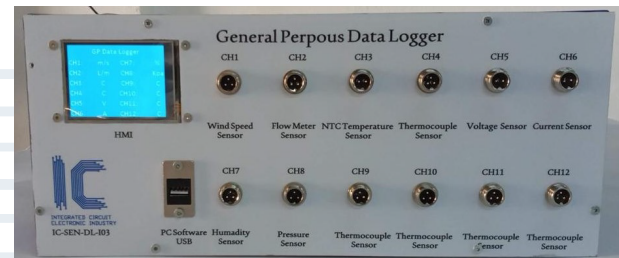
General Purpose Data Logger

IC-SEN-DL-I03

2024

1. Overview

The IC-SEN-DL-I03 is a versatile device designed to record and store data from a variety of sensors over time. It is widely used in applications such as environmental monitoring, industrial process control, and scientific research. This data logger enables accurate tracking and analysis of parameters like temperature, humidity, pressure, and more, supporting real-time observation and post-process evaluation.



IC-SEN-DL-I03

2. Specification

- Number of Channels:
 - 8 Analog Channels
 - 4 Digital Channels
- Data Logging Parameters:
 - Logging Interval: Adjustable to 0.1 sec, 1 sec, 10 sec, or 1 minute.
 - Recording Modes: Time-based or event-based data logging.
 - Storage Capacity: Sufficient for long-term data collection (via SD card).
- Communication Interfaces:
 - USB: For direct data transfer to PC software.
 - SD Card: For storing data in Excel-compatible format.
- Display and User Interface:
 - Display Type: LCD or OLED for real-time monitoring and configuration.
- Software Compatibility:
 - Supported Operating Systems: Compatible with major operating systems (Windows/macOS/Linux – specify if required)
- Environmental Protection:
 - Ingress Protection Rating: IP67 (dust-tight and water-resistant)
- Calibration:
 - Recommended Calibration Interval: Once every year.