DataHog™ Portable Field Data Collector – Version 3.00

Overview

The **DataHog™** is a portable field data collector designed to simplify and accelerate traffic data collection. It allows technicians to retrieve data from traffic counters **without the need for a laptop or complex setup**, saving time in the field.

- Operates on a **9 V battery**
- Connects **directly to traffic counters**
- Stores data on **8 MB of non-volatile memory** (enough for millions of vehicle counts and multiple counter files)
- Uses a **serial connection** for easy download to a PC with **Centurion software**

Specifications

Feature	Description
Power	9 V battery
Memory	8 MB flash memory; holds millions of vehicle records and multiple counter files
Connectivity	9-pin serial connector (RS-232) for connection to traffic counters or PC
LED Indicators	Front **LED status bar** shows operational status; **low battery LED** included
Size	Compact: 2 5/8" × 4 3/8" × 1 1/8"
Software Compatibility	Data can be downloaded to PC using Centurion software
Portability	Small, lightweight, field-friendly design for easy transport

Operational Benefits

- **Fast data collection:** Skip the laptop setup; power on and collect data immediately
- **Field-friendly:** Compact and lightweight; ideal for remote or busy traffic survey locations
- **Large data storage:** Can accumulate millions of vehicle counts before requiring offload
- **Simple workflow:** Connect → Power On → Watch LEDs → Download to PC

Typical Use Case

1. Technician arrives at a traffic counter site.
2. Connects DataHog™ to the counter via serial port.
3. Powers on the device.
4. LED indicators show progress as data are retrieved.
5. After fieldwork, connect DataHog™ to PC and use **Centurion software** to download and process data.

Summary

The **DataHog™ Version 3.00** provides a **convenient, simple, and economical** solution for field data collection from traffic counters. Its **direct connection**, **automatic retrieval**, **LED feedback**, and **large memory capacity** make it ideal for traffic surveys and research projects where speed, portability, and reliability are essential.