

ICS Device Manager:

Next-Generation Configuration for All Intrepid Hardware

The Cross-Platform Utility for CAN FD, LIN, FlexRay and Automotive Ethernet Setup

ICS Device Manager is Intrepid Control Systems' powerful, next-generation configuration utility, designed for streamlined setup of all your vehicle network interfaces. Easily configure CAN FD networks, create Ethernet taps, and manage firmware across Windows, Linux, and macOS.

Key Features:

- **Cross Platform Compatibility** - Works natively on Windows, Linux, and macOS. Use it standalone or integrated into Vehicle Spy.
- **Effortless Firmware Management** - Keep your hardware current with automatic or manual firmware updates, including built-in version management.
- **Settings Import/Export** - Save device configurations to a file for easy fleet deployment and production-level consistency.
- **Advanced CAN/CAN FD** - Full configuration for High-Speed CAN, including CAN FD, ISO mode, custom baud rates, TQ timing, and TDC.
- **Full LIN Network Support** - Easily select master/slave mode, set adjustable baud rates, and optimize EMC with multiple slew rate options.
- **Automotive Ethernet Taps** - Create active taps for 100BASE-T1, 1000BASE-T1, and 10BASE-T1S. Configure cut-through mode and TC10 forwarding.

Applications & Use Cases:

- **ECU & Vehicle Integration:** Configure and test CAN, CAN FD, FlexRay, LIN, and Automotive Ethernet networks during the development process.
- **Diagnostics & Monitoring:** Set up Intrepid hardware for advanced OBD-II, UDS communication, and critical network monitoring.



- **Non-Intrusive Tapping:** Create active taps to passively monitor 100BASE-T1 and 1000BASE-T1 Automotive Ethernet traffic.
- **Production & Fleet Management:** Export configurations to ensure identical settings are deployed across hundreds of devices efficiently.

Get Your Device Configured in Minutes

- **Download and Launch:** Download the free stand-alone app or launch it directly from Vehicle Spy via **Setup** → **Hardware**.
- **Connect Your Device:** ICS Device Manager instantly detects connected Intrepid hardware. Select your device and click **Connect**.
- **Configure and Save:** Adjust CAN, LIN, FlexRay and Ethernet settings using the intuitive interface. Click **Save Settings** to write changes to your device.

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