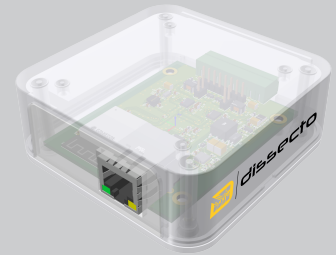


HydraHat

The dissecto HydraHat is a high-performance device that seamlessly connects your Controller Area Network (CAN) to an Ethernet network, providing reliable and efficient data communication.

With its advanced features and robust design, this gateway is the perfect solution for bridging the gap between your CAN-based systems and Ethernet infrastructure.



key features

- **Dual CAN FD Support:** The device fully supports CAN FD (Flexible Data Rate) with a high bitrate of up to 5 Mbps. This ensures fast and efficient data transmission, making it suitable for demanding applications.
- **High-Speed Ethernet:** Equipped with a 100 Mbps Ethernet interface, the dissecto HydraHat allows for smooth and rapid data transfer between your CAN and Ethernet networks.
- **Versatile Power Options:** dissecto HydraHat can operate within a wide supply voltage range of 6V to 24V, providing flexibility in various industrial and automotive environments. Additionally, it offers optional support for Power over Ethernet (PoE) functionality, enabling you to power the gateway directly through an Ethernet switch.
- **Precise Timestamps:** The device provides precise timestamps for received CAN frames with an impressive resolution of 1 microsecond (1µs). This level of accuracy is essential for time-critical applications where synchronization is crucial.
- **Reliable and Secure Data Transmission:** With a robust and reliable design, the dissecto HydraHat ensures stable and secure data transmission between your CAN and Ethernet systems. It employs industry-standard protocols and advanced encryption to safeguard your data from unauthorized access.
- **Easy Integration and Configuration:** The device is designed for straightforward integration into your existing CAN and Ethernet networks. Its user-friendly interface allows for easy configuration, making setup a breeze, even for those new to industrial networking.

technical specifications

- CAN Bitrate: Up to 5 Mbps (dual CAN FD)
- Ethernet Interface: 100 Mbps
- Supply Voltage: 6V to 24V DC
- Power over Ethernet (PoE) Support: Optional
- Timestamp Resolution: 1 microsecond (1µs)
- Operating Temperature Range: -40°C to +85°C
- Dimensions (LxBxH): 80 x 80 x 30 mm

applications

- Automotive Diagnostics
- Industrial Automation
- IoT (Internet of Things) Applications
- Robotics and Motion Control
- Embedded Systems

Note: Product specifications and features are subject to change without prior notice as we continuously strive to improve our products. For the latest information, please visit www.dissecto.com